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Students are awarded honors for outstanding academic achievement.

• Dean's List

A student shall be eligible for the Dean's List in any semester in which his or her grade point average is 3.50 or above, and provided he or she receives no grade of "D," "F," or "I," and has earned a minimum of 12 semester-hour credits.

• Graduation Honors

Latin Honors

To be eligible to graduate with Latin Honors, an undergraduate student must have completed at least 60 semester hours of work at Suffolk University. (Courses for which a student receives credit through CLEP examinations may not be counted toward this minimum of 60 semester hours.)

- Summa Cum Laude: You must have a cumulative GPA of 3.85, and have no grades of F or I.
- Magna Cum Laude: You must have a cumulative GPA of 3.7, and have no grades of F or I.
- Cum Laude: You must have a cumulative GPA of at least 3.3, and have no more than one grade of F or I.

• Recognition Day Awards

Highest Class Honors

In the spring of each year, both the College of Arts & Sciences and the Sawyer Business School present Outstanding Student Awards to the individuals (in their respective schools) with the highest cumulative grade point average in the sophomore, junior and senior classes. To be eligible for consideration, a student must have accrued the following minimum credit hours while in attendance at Suffolk University. A grade of "D," "F," or "I" disqualifies a student, regardless of GPA.

Class Minimum Earned Credit Hours at Suffolk University:

- Sophomore 42
- Junior 70
- Senior 106

Major Honors and Awards

In the spring of each year, both the College of Arts & Sciences and the Sawyer Business School present students awards of achievement in their major. Each award is defined and determined by the individual academic departments upon review of their junior and senior majors each spring semester.

See Also

These links will take you outside the Academic Catalog:

[Admission](#)

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[Bursar](#) - Tuition and Fees

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At the conclusion of each semester, students failing to make satisfactory progress are reviewed by the Academic Standing Committee of their respective school.

Suffolk University expects students to maintain an overall grade point average of 2.0 and a grade point average of 2.0 in the major field of study, as well as a 2.0 grade point average in the minor. Failure to maintain these degree requirements may result in academic probation or dismissal.

Students are notified in writing of any actions taken by the Academic Standing Committees.

Actions may include the following:

- **Warning**

Students will receive a warning when their overall GPA is above 2.0, but fail to achieve a semester GPA of 2.0.

Students who earn a GPA below 2.0 in their major, even if only one course has been completed, are alerted to minimum GPA requirements and referred to their major for advising.

Students who earn excess grades of "I" and/or "W" are sent a warning and may have their records frozen for advising.

Students are sent a warning if any single grade of "F" is earned.

• Academic Probation

Students who fail to achieve a cumulative GPA of 2.0 are placed on probation and informed of conditions (to be met in the next semester enrolled) for continued matriculation.

In the semester following the first probationary period:

- If conditions are met and the cumulative GPA is at least 2.0, then the student is removed from probationary status.
- If conditions are met and the cumulative GPA is less than 2.0, then the student is placed on a probation extension.
- If conditions are not met, the student may be dismissed from the University.

Typically, students placed on probation are put on a reduced course load and are instructed to improve their grade point average by the next committee review. Students who are demonstrating academic improvement may have their probation extended until they return to good academic standing. Those failing to demonstrate improvement are in imminent danger of dismissal.

Extracurricular: No student on academic probation shall be eligible to participate in athletics, hold elected or appointed office, or represent the University in extracurricular or intercollegiate activities. However, a student on academic probation may continue membership in extracurricular activities such as clubs or fraternities, and may write for, but not be a member of, the staff of campus publications. In the event a student's average does not improve, the Academic Standing Committee may require further curtailment of extracurricular activities as a condition of continued academic probation at Suffolk University.

Financial Aid: Academic standing review is an academic process independent of federal guidelines managing access to student aid. It is possible to be allowed to continue at the University academically but be denied financial aid eligibility. ALL students who have financial aid and find themselves in academic difficulty should meet with their financial aid advisor to understand their personal situation.

• Academic Dismissal

Continued failure to make satisfactory progress toward a degree will inevitably result in dismissal from the University. Low grade point average, unexplained semester absences, refusal to complete prescribed remedial coursework, unwillingness to honor the recommendations of the Academic Standing Committee and/or other specific conditions are but a few of the situations that can undermine satisfactory progress and constitute legitimate grounds for dismissal.

Once dismissed for scholastic failure, a student is ineligible to enroll in further courses at the University until s/he is readmitted by the Academic Standing Committee. Dismissal does not suspend a student's responsibility to meet prior course commitments. Consequently, all Incomplete "I" grades will convert to "F" grades unless attended to within one academic year.

• Applying to Return to the University

Returning from Academic Dismissal

Students who have been academically dismissed may apply for readmission after one semester by providing the appropriate committee with a written letter of petition. The filing deadline for petitioning is August 1 for fall re-admission and December 1 for spring re-admission. Please address the letter to: "The Academic Standing Committee."

This letter should contain three main sections:

1. Address the difficulties you had while you were enrolled at Suffolk University.
2. Describe what steps you have taken while away from Suffolk University to improve your personal situation (such as academic performance, personal issues, medical conditions, financial hardship). Be sure to attach any supporting documentation (such as transcripts from other institutions, letters from a doctor or current faculty member).
3. Create an action plan for your return (if reinstated) and describe what you would do to succeed in the future.

Letters should include your personal contact information for mail, email and phone.

If dismissed from the College of Arts & Sciences, send letters to:

Sharon Lenzie, Assistant Dean
College of Arts & Sciences
73 Tremont Street
Boston, MA 02108-2770
Phone: 617-573-8268
slenzie@suffolk.edu

If dismissed from the Sawyer Business School, send letters to:

Michele Rosenthal, Director
Undergraduate Programs
Sawyer Business School
73 Tremont Street
Boston, MA 02108-2770
Phone: 617-994-6429
mjrosenthal@suffolk.edu

Fresh Start

A student dismissed for academic reasons, who is seeking readmission after an absence of five or more years from the University, may petition the Academic Standing Committee to grant him/her grade amnesty for all grades below C under the Fresh Start Program.

If approved, all Suffolk work completed prior to readmission will be reevaluated for relevance and currency, as all students readmitted under this policy are subject to the academic requirements for graduation at the time of readmission. Only coursework with a C or better earned prior to reinstatement and coursework attempted after reinstatement is calculated into the GPA and applied to the degree.

Normally, a student readmitted through the Fresh Start Program is not eligible for scholastic honors. All prior grades are used to compute the student's academic progress for financial aid evaluation.

Returning after Being Administratively Withdrawn for Non-Attendance

Students who have been administratively withdrawn for non-attendance or are attempting to return after an unauthorized absence may apply for reentry to Suffolk through the Office of Undergraduate Admission. If approved, all students readmitted under this policy are subject to the academic requirements for graduation at the time of readmission.

Applicable courses taken eight or more years prior to readmission, whether taken at Suffolk or elsewhere, will be reviewed by the Dean's Office for relevance and currency. If a course is deemed ineligible, students may be required to complete the current course designed to satisfy that particular academic requirement.

- ### Satisfactory Progress

Federal regulations require students to [demonstrate satisfactory academic progress](#) (SAP) in their educational program in order to maintain eligibility for financial aid. SAP is established and reviewed by the Office of Student Financial Services for the College of Arts & Sciences and Sawyer Business School. While it is possible to continue at the University but be denied financial aid eligibility, all students who seek financial aid and find themselves in academic difficulty should meet with their financial aid advisor to understand their personal situation.

See Also

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• Credit Hour Definition

Suffolk University Follows the Federal Government's Definition of a Credit Hour:

"...as an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutional established equivalence that reasonably approximates not less than -

(1) One hour of classroom or direct faculty instruction and a minimum of two hours of out of class student work each week for approximately fifteen weeks for one semester or trimester hour of credit, or ten to twelve weeks for one quarter hour of credit, or the equivalent amount of work over a different amount of time; or

(2) At least an equivalent amount of work as required in paragraph (1) of this definition for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours."

• Class Hours

Classes typically meet during several standard course times: Monday, Wednesday, and Friday for 50 minutes, twice a week Monday and Wednesday or Tuesday and Thursday for 75 minutes, and for 2 hours, 40 minutes once a week. The period between 12:05PM and 01:15PM on Tuesday and Thursday is reserved for student activities, faculty meetings, guest lectures, and cultural events. No undergraduate classes are held during this time period.

• CLEP

[CLEP](#) examinations provide undergraduate students the opportunity to gain college credit in specific areas of study. The Suffolk University [Center for Learning and Academic Success](#) administers the CLEP program.

• Class Standing

The classification of students is determined by the number of credit hours completed. Freshman standing is assigned to students with 1 through 23 completed credit hours; sophomore standing, to those with 24 through 53 completed credit hours; junior standing, to those with 54 through 83 completed credit hours; senior standing, to those with 84 completed credit hours or more.

• Course Loads

Federal financial aid regulations stipulate a student must be enrolled in at least 12 credits per semester to be considered full-time, between 9-11 credits per semester to be considered three-quarter time, and at least 6 credits per semester to be considered half-time. During the summer semester, which is subdivided into modules, full-time, three-quarter time, and half-time status is determined based on the number of credits enrolled throughout the entirety of the term. Graduating students in their last semester are considered full-time (except for financial aid purposes) if they are registered for all remaining degree requirements, even if they are registered for less than full-time status.

All international students are required to complete at least 12 credits each fall and spring semester.

Enrollment statuses for fall, spring, and summer terms are listed in the table below:

Full-Time	Three-Quarter Time	Half-Time	Less than Half-Time
12-17 credits	9-11 credits	6-8 credits	<6 credits

Restrictions: English Language Institute (ELI) students can only take 0 credit courses.

• Courses at Other Institutions

Once matriculated into a degree program at Suffolk, students are expected to complete all of their coursework at the University. Exceptions are made for international study or where academic hardship merits consideration. A student must be in good academic standing (2.0 GPA or better with no Incomplete grades) and have transferred fewer than 63 outside credit hours into Suffolk. If approved for a course at another institution, a student must attain a grade of "C" or higher in order to receive transfer credit. It is expected that students will complete their final 30 credit hours at Suffolk University.

New students in their first semester without final grades may not be approved for outside courses. Courses taken at other institutions may affect student eligibility for graduation honors.

Students who feel their situation warrants an exception must apply through the Undergraduate Academic Advising Center.

• Excess Courses

Twelve to 17 credits constitutes a normal full-time schedule. Students who meet the following criteria can register for 18 credits (fall and spring term):

- Student has been in attendance at Suffolk University for two full semesters excluding summer sessions
- Student has a minimum GPA of 3.0 or higher

Students who do not meet the above criteria or who wish to enroll in more than 18 credits in either the fall or spring term or more than 8 credits per summer module must [petition](#) the Undergraduate Academic Advising Center.

Students registered for more than 17 credits will be charged an [excess credit rate](#) during the fall and spring terms. Students are charged per credit hour during the summer sessions. Students should NOT assume financial aid will cover excess course charges.

• Independent Study

The purpose of an independent study is to provide students with unique study opportunities with an individual faculty member. The guidelines with respect to independent studies are as follows:

- Students must gain authorization prior to registration by developing a robust and rigorous proposal. A description of the independent study project must be approved by the individual faculty member, by the department chair, and the dean's office of the respective school.

[CAS: Independent Study form](#)

[SBS: Independent Study form](#)

- Adjunct faculty are not eligible to supervise an independent study.
- Independent studies may be taken for variable credit; a single independent study cannot be taken for more than 4 credits in CAS and 3 credits in SBS.

Additional guidelines for BSBA students:

- Only juniors and seniors with a GPA of 3.0 or higher are eligible.
- Independent Studies cannot replace a required course or duplicate an existing course. They allow students to research and study an area of interest not covered by Suffolk courses.
- The deadline to turn in a proposal to the Dean's Office is the first three days of the semester in which you plan to complete an Independent Study. If the proposal is denied, this leaves

sufficient time for students to revise and resubmit to the faculty, department chair, and Dean's Office.

• Transfer Credit

Transfer applicants are considered for admission based on work completed at a regionally accredited two- or four-year college or at international institutions approved by the Ministry of Education in the country where the institution resides. In some cases, transfer applicants with less than one year of college completion are also considered based on the results of the high school transcript and test scores. Credit is generally transferable provided that such coursework is successfully completed and equivalent to that offered at Suffolk University.

In the Sawyer Business School, transfer credit is awarded only for courses equivalent to freshman/sophomore years. Courses not required at Suffolk University until the junior/senior years may qualify for validation credit. Students admitted to the Sawyer Business School are required to complete at least 50 percent of business credit hours at Suffolk University.

A minimum of 45 hours in any bachelor degree program must be earned at Suffolk University, including all major and general education requirements. Requirements for specific degrees are listed by major in the undergraduate degree section. In all cases, students must complete all major and University requirements to qualify for a bachelor degree. This may necessitate completing more than the required hours for graduation. In addition, the final 30 credits of any degree must be completed at Suffolk University.

Part-time degree applicants are expected to meet the same requirements as full-time degree students.

In the College of Arts & Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.

In the Sawyer Business School not more than two courses may be transferred in toward any major and no more than one course may be transferred in toward any minor. Capstone requirements may never be transferred into the Business School. All upper level business courses being considered for transfer must be approved by the Sawyer Business School Dean's Office.

• Transcripts

A transcript is an academic document or electronic image maintained by the Office of the Registrar reflecting the unabridged student academic history at Suffolk University. Transcripts include course work from other institutions whose credits are awarded at the time of entrance or approved transfer credit after the student enrolls at the University.

The University reserves the right to refuse to issue a transcript of any student who has not fulfilled all financial obligations due to the University. A financial hold will be placed on a student record if the student is either delinquent or has defaulted on loans and/or has not completed required financial exit interviews or counseling.

[Transcript requests](#) must be submitted online or in writing to the [Office of the Registrar](#).

• Validation Credit: Sawyer Business School

Selected business courses taken elsewhere at the freshman or sophomore level, but offered by Suffolk University at the junior or senior level, require validation in order to be eligible for transfer of credit. In order to validate a course, students must have:

- Earned a grade of "C" or better in the course to be validated; and
- Successfully completed, with a grade of "C" or better at Suffolk University, an advanced course in the subject field for which the transfer course is a foundation.

Upon completion of the advanced course, a student must complete a Validation of Transfer Credit Form in the Registrar's Office. The course(s) which may be validated will be listed on the student's Suffolk University transcript and Credit Evaluation. The Credit Evaluation is the student's original document of transfer credit provided by the Undergraduate Admission Office when the student was first admitted to the University. If a student has taken a junior/senior level course that is not required at Suffolk University, it cannot be validated.

Students May Validate: By Successful Completion (minimum grade of "C") of:

ACCT 321	ACCT 322
FIN 315	FIN 413
ISOM 310	ISOM 313
ISOM 313	ISOM 423
ISOM 423	ISOM 424

When validating, no more than two transfer courses may be applied toward your major requirements.

Questions regarding transfer credit and validation procedures should be referred to the Undergraduate Academic Advising Center, 617-573-8345.

See Also

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- **Grading System**

The following grading system applies to all undergraduate students.

Letter Grade	Honor Point Equivalent per Credit
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
D-	0.7
F	0.0

"A," "A – ," "B+," and "B" are honor grades.

"B – ," "C+," and "C" represent satisfactory work.

"C – ," "D+," "D," and "D – " represent passing but unsatisfactory work.

"F" is a failing grade. It indicates that the student has not completed all course requirements in a satisfactory manner. Students who stop attending a course without having complied with the official withdrawal procedure can anticipate receiving a grade of "F." The "F" grade becomes a permanent part of a student's record and cannot be expunged even if the course is successfully retaken. An undergraduate student who violates the academic honesty policy is subject to an automatic grade of "F".

"I" (Incomplete) indicates a student has done passing work in a course but has not yet submitted all the outstanding work required for a formal evaluation. The "I" is awarded at the instructor's discretion, only if the student has completed at least half of the course requirements satisfactorily at the end of the semester, and there is a reasonable expectation that all course requirements can be completed in one academic year. An "I" must be formally re-evaluated by the instructor within one academic year, resulting in an evaluation grade or an extension of the "I," or it automatically converts to an "F*."

Students must complete coursework with the original instructor. The change in the "I" grade must be made by the original instructor, and in his or her absence, by the department chair. If this is not possible, arrangements must be made through the department chair in concurrence with an assigned instructor.

"IP" (In Progress) can be issued where by nature of the course content the course may not be complete by the end of the term. IP grades automatically convert to an "F*" after one academic year.

"W" signifies official withdrawal from a course. A "W" is assigned administratively if a student:

1. Drops a course, following proper university procedure, between the end of the drop/add period and the withdrawal deadline of the semester, or
2. Drops a course or withdraws from school after the deadline of the semester with the written approval of the Students Affairs office. Permission is given only for valid cause such as debilitating illness, relocation, serious family crisis or other circumstances beyond the student's control.

"AU" (Audit): In an audited course, a student will not receive credit or honor points; however, a student must pay the same tuition as if taking the course for credit. Under no circumstances may a student change from the evaluative letter grade system to audit or vice versa after the first two weeks of classes.

A student who audits a course is responsible for attending classes and completing required coursework.

"P" (Pass): A Pass-Fail option is available to students in lieu of a traditional letter grade subject to the following limitations and regulations:

Eligibility is restricted to students in good academic standing who have completed a minimum of 15 semester hours of coursework at Suffolk University. This option is limited to 12 credits per student. The

pass/fail option is only applicable to electives and cannot be used for courses that fulfill specific degree, core, major or minor requirements. Students who are unsure as to whether a course is an elective for their specific program should check with the Undergraduate Academic Advising Center.

Students will designate courses as Pass-Fail after registration, but before the end of the course change period, by completing a [Pass/Fail Declaration Request form](#). No changes from the designation of Pass-Fail to the letter grade system or vice versa are permitted after the course change period has elapsed at the opening of any semester or summer session. A Pass may be applied toward fulfilling degree credits, but may not be applied toward the quality point average.

Students planning to attend law school or other graduate schools should be aware that many professional and graduate schools prefer students to submit traditional letter grades.

"PC" (Pass/Credit) is awarded in courses successfully completed with a grade of "C" or better at an affiliated study abroad program or approved course work at a consortium institution after matriculation at Suffolk University. "PC" grades may be applied toward fulfilling degree credits, but they may not be applied toward the quality point average.

"NP" (No Pass) is awarded in courses unsuccessfully completed at an affiliated study abroad program or approved course work at a consortium institution after matriculation at Suffolk University. "NP" grades do not earn academic credit and are not applied toward the quality grade point average.

Courses officially dropped during the add/drop period will not appear on the student's record.

• Grievances - Academic

Academic Complaints

A student who has a complaint about a grade on a single assignment or exam or concerning the faculty member teaching a course should first speak with or email the faculty member. If the complaint is not resolved, then the student should bring the matter to the attention of the department chair or program director. If the complaint remains unresolved, then the matter should be brought to the attention of the academic dean's office of the school in which the course is offered.

Grade Grievances

There is a formal process for grieving a final course grade.

Within two weeks of the grade being assigned, the student should speak with or email the faculty member.

If, after communicating with the faculty member, the student believes that the grade had no basis in fact or was arbitrary, the student may then petition the department chair or program director in writing (or by email).

Students should keep copies of correspondence for their own records.

If the grievance is not addressed or resolved equitably after meeting with the department chair or program director, the student has 10 business days to file a formal grievance with the academic dean (or dean's designee) of the school in which the course is offered.

The academic dean (or dean's designee) will inform the student of a decision within 15 business days of receiving the formal grievance. The student may appeal this decision to the provost (or provost's designee), whose decision shall be final. It is the responsibility of the provost (or provost's designee) to come to a resolution of the grade dispute within 15 business days of receiving the formal grievance from the student.

A graduating student must initiate the grade grievance process no later than three days prior to commencement by emailing the faculty member and copying the department chair or program director.

Graduating students should be mindful that the grade grievance process may impact the awarding of Latin honors and may delay the date of degree conferral.

Grievances Related to Academic Accommodations for Students Registered with Disability Services

Students with disabilities who believe they have received inappropriate treatment or inadequate service from the University pertaining to their granted accommodations have the right to file a grievance with Director of Disability Services. The grievance must be submitted in writing to disabilityservices@suffolk.edu and should include a detailed description of the inappropriate or inadequate service and supporting documentation (when appropriate). Students with disabilities must indicate the resolution they are seeking.

Students with disabilities who are unsatisfied with the response from the Director of Disability Services may submit an appeal within 5 business days to the ADA Coordinator, Dr. Ann Coyne, Dean of Students, Student Affairs Office, 12th floor 73 Tremont Street, Boston, MA 02108, 617-573-8239, TDD: 617-557-4875 or acoyne@suffolk.edu. Students with disabilities must state the resolution they are seeking. The decision of the appeal by the Dean of Students is final.

• Academic Misconduct

Academic Misconduct

Suffolk University expects all students to be responsible individuals with high standards of conduct. Students are expected to practice ethical behavior in all learning environments and scenarios, including classrooms and laboratories, internships and practica, and study groups and academic teams. Cheating, plagiarism, unauthorized collaboration, use of unauthorized electronic devices, self-plagiarism, fabrication or falsification of data, and other types of academic misconduct are treated as serious offenses that initiate a formal process of inquiry, one that may lead to disciplinary sanctions.

Resolving Incidents of Academic Misconduct

A faculty member suspecting academic misconduct will contact the student using the Suffolk email address to schedule a meeting and will make all effort to do so within five business days of detecting

the incident. During the meeting, the faculty member will present the documentation that led to suspected academic misconduct. If the faculty member reaches the conclusion that academic misconduct has occurred, he or she may impose limited sanctions that are meant to acknowledge the behavior in the context of providing remediation and addressing skill development. These sanctions involve grade reductions to student work that constitutes up to 25% of the course grade (e.g., homework; short papers; quizzes) and frequently include some form of remediation.

When the suspected academic misconduct involves student work that constitutes more than 25% of the course grade, or if an F grade (0 credit) on the assignment is recommended as a sanction, the faculty member will consult with the department chair (or program director) prior to imposing the sanction. If the faculty member and chair agree on a determination of academic misconduct, the sanction may be imposed.

If a determination of academic misconduct is made and a sanction is imposed, the faculty member must complete the Academic Misconduct Incident Form (available online) and submit it electronically to the AMC coordinator who will document the incident, along with the written documentation of misconduct, in the AMC internal record. A student may appeal the determination of academic misconduct, but not the sanction, by requesting a hearing before the full AMC. Appeals should be filed with the AMC coordinator within ten business days of receiving the sanction.

If the suspected academic misconduct involves actions that the faculty member and chair believe warrant an F grade in the course, or if there is disagreement between the faculty member and chair on the appropriate sanction, then the incident must be forwarded directly to the AMC for committee review. Examples include, but are not limited to, the following: cheating on exams; group cheating; submitting purchased term papers or term papers with extensive copying or use of external sources without citation; and fabrication or falsification of research data. If the faculty member and chair suspect an incident of this type, they must file an incident report form with the AMC coordinator to initiate a full committee review. The AMC coordinator will schedule a hearing at the next standing meeting of the AMC, generally within ten business days of receipt of the incident form. The faculty member will submit all documentation to the AMC coordinator who will email the student (using Suffolk email) a notice to appear for a hearing. At the hearing, a determination is made by the committee, regardless of whether or not the student is in attendance; imposition of sanctions is made by committee vote. A determination letter is then sent to the student, the faculty member, and the chair.

A full review by the AMC, as described above, will also occur if multiple incident reports for a single student are detected in the AMC internal record.

AMC hearings are not open to the public. Therefore, members of the Suffolk University community who are not directly involved in the allegation and friends, parents, partners, siblings, legal counsel, and others are not permitted in the room where the AMC hearing takes place but may wait nearby for support purposes. Formal rules of process, procedure, or evidence such as those applied in civil or criminal courts are not used in the AMC. Members of the AMC will recuse themselves from a case when appropriate. Student conduct that warrants sanctions may result in forfeiture of all Suffolk scholarships, financial aid, or monies paid.

Sanctions imposed by the AMC may include but are not limited to a reprimand; a remediation plan; a grade of F in a course; probation; and/or dismissal. A sanction grade of F in a course will be factored into the overall grade point average regardless of whether or not the course is successfully repeated. A student found responsible for academic misconduct and sanctioned by the AMC may file one appeal to the provost (or designee) by sending a written letter of appeal within ten business days. (A

graduating student must initiate the appeal process no later than three days prior to commencement.) Appeals are considered only if there is additional information not available at the time of the hearing or a procedural error that calls into question the determination of academic misconduct. Students must include a statement of why the additional information should be considered and why it was not presented at the time of the original hearing. The decision of the provost is final.

Grading Students under Review for Academic Misconduct

Faculty, department chairs, program directors, and the AMC will work diligently to ensure timely review and closure of cases of academic misconduct. In some cases, however, it may not be possible to reach a determination or impose a sanction prior to the deadline for submitting course grades. In this case, the faculty member will not submit a grade for the student, but will leave the grade field blank. Once a determination has been made, the faculty member will complete a change of grade form, with an explanation of the grade change that includes a brief statement of how the sanction impacted the final course grade.

Membership of the Academic Misconduct Committee

The AMC hears cases of alleged academic misconduct involving students in the College of Arts and Sciences (CAS) and the Sawyer Business School (SBS). The committee consists of two CAS faculty members, appointed by the CAS dean; two SBS faculty members, appointed by the SBS dean; the CAS and SBS assistant deans who convene the Academic Standing Committees in their respective schools; and a non-voting dean from Student Affairs. At the start of the academic year, AMC members elect a committee chair; the chair casts the deciding vote in the case of a tie.

All full-time CAS and SBS faculty are eligible to serve on the committee with the exception of non-tenured, tenure-track faculty. Associate deans from the two schools may be asked to attend as ex officio members when particular background or expertise is requested by the committee.

• Early Alert

The [Early Alert](#) process identifies students who may be academically at risk, before week five of the semester. The Faculty alert students who are at risk of failing a course if they are struggling with course content, not completing assignments, not attending classes regularly, or if they have second language issues or deficiencies. University staff outreach to all alerted students and connect them with the appropriate support services to help them achieve success.

• Final Examinations

Final exam dates are posted in the [academic calendar](#). Individual course final exams display in the [online course search](#).

• Grades

Grades are available [online](#) soon after the conclusion of each semester.

Students are solely responsible for their academic progress and should confer immediately with their academic advisor in the event their performance becomes substandard. Failure to maintain satisfactory progress can lead to loss of financial aid, academic probation, or dismissal, or other equally serious consequences.

• Honor Points

Scholastic averages are computed by multiplying the credit hours by the honor point equivalent. For example, a 4 credit course evaluated as "A" will be counted as 16 honor points (4 credits multiplied by 4.0 = 16). Grades of "I," "W," "P," "IP," "AU," "NC," and "PC" are not computed in determining Honor Points, and have no impact on a student's scholastic average.

A cumulative average of 2.0 (C) and an average of 2.0 (C) or better in one's major, minor, and/or certificate program are required for graduation. Students are required to monitor their average in their major and minor. If students are at risk of falling below the required average, the Academic Standing Committee will notify the academic department of their major.

• Repeating a Course

Students may retake any course for credit by paying the appropriate tuition. When a student repeats a course, all grades will appear on a student's transcript; however, only the most recent evaluative course grade will be used to compute the cumulative grade point average. Grades of "P," "I," "W," "NC," and "PC" issued in repeat courses are excluded in calculating the new GPA. When repeating courses, only one course may be used for credit to fulfill degree requirements. A student may repeat a course a maximum of two times. Students receiving federal financial aid should refer to [Satisfactory Academic Progress](#) regulations for financial aid eligibility when repeating a course.

See Also

These links will take you outside the Academic Catalog:

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Eligibility for Degree

In order to be eligible to receive a bachelor's degree from the University, a student must:

- Earn at least 126 semester hours in the College of Arts & Sciences; 124 semester hours in the Sawyer Business School; or 124 semester hours in the New England School of Art and Design
- Achieve not less than a 2.0 cumulative grade point average and earn a minimum 2.0 grade point average or higher in the major
- Achieve a minimum 2.0 grade point average or higher in the minor, if applicable
- Meet all the academic requirements for his/her particular degree (eight years is the normal limit for completion of a part-time or an interrupted degree program)
- Complete a minimum of 45 semester hours at Suffolk
- Complete major residency requirement
- Complete minor residency requirement, if applicable
- Complete the final 30 semester hours at Suffolk
- Complete at least 30 semester hours of business coursework at Suffolk (Sawyer Business School students only)
- Complete at least 60 semester hours of coursework at Suffolk in order to be considered for scholastic honors

• Application for Degree

Students are required to submit an application for degree to the Registrar's Office by the published deadline. It is expected that all obligations to the University, both academic and financial, will be completed at the close of that semester. Failure to comply with this requirement will delay graduation and participation in commencement to some future time.

• Commencement Exercise Eligibility

In addition to those students who have completed in quality and quantity the requirements for their respective degrees, students may participate in commencement if they have officially applied as a September candidate, are enrolled in their remaining requirements in the subsequent summer sessions, have satisfied all other degree requirements, and have fulfilled all financial obligations to the University.

September degree candidates petitioning to participate in the May commencement ceremony must apply and be enrolled in all outstanding requirements in the subsequent summer sessions by the dates established by the [Office of the Registrar](#). Approval of the petition is contingent upon satisfying the conditions listed above.

• Graduating with Honors

See [Academic Honors](#).

• Substitutions & Waivers

Major & Minor:

Students may file a petition for a major or minor requirement substitution with their academic advisor and major department chair. The academic department chair and appropriate Dean's Office must approve major and minor requirement substitutions.

Core & Degree Requirement:

Students may file a petition for core and/or Degree requirement substitutions and waivers only with the appropriate Dean's Office for their degree.

See Also

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Registration

Registration materials (program evaluations, transcripts, course schedules, etc.) are available to all students [online](#) prior to faculty advising at the beginning of each term's pre-registration.

Newly accepted and re-entry students will receive information regarding orientation and/or registration from the [Office of Undergraduate Admission](#).

Late Registration

Registration is closed after the first full week of classes in any semester.

Add/Drop or Change of Course

Students may add, drop, or change courses online based upon availability and eligibility during the first week of the term. Refer to the [academic calendar](#) for add and drop dates.

Pass/Fail

See [grading](#) page.

Auditing a Course

In an audited course, a student will not receive credit or honor points; however, a student must pay the same tuition as if taking the course for credit. Under no circumstances may a student change from the evaluative

letter grade system to audit or vice versa after the first two weeks of classes.

A student who audits a course is responsible for attending classes and completing required coursework.

• Attendance

Federal regulations require universities receiving federal funding to implement a policy monitoring student attendance in class.

Instructors are responsible for establishing the requirements for attendance and participation in each of their classes and for informing students of these requirements at the beginning of each course.

The Office of Health & Wellness Services does not excuse student absences. The student, when absent from class, has the responsibility of obtaining knowledge of materials covered in classes missed, including information about announced tests, papers, or other assignments.

• Leave of Absence and Withdrawal from the University

There may be times due to personal, medical or other reasons when a student may need to take a leave of absence or withdraw from the university. A leave of absence is taken when a student is away from the university for a portion of a term, a term or longer but intends to return to Suffolk to take classes in the future. A student may withdraw from the University when he/she no longer wishes to take courses for the current term or at any time in the future. Before a student decides to take a leave of absence or withdraw from the University, he/she is encouraged to speak with the Student Affairs Office to discuss options. Students should contact the Student Affairs Office at 617.573.8239 to schedule an in person or telephone appointment or email the office at studentaffairs@suffolk.edu.

Leave of Absence

Students who are temporarily unable to continue their education at Suffolk University may [apply for a leave of absence](#) by submitting a leave of absence form to the Student Affairs Office. A leave of absence may be granted for two consecutive or two non-consecutive semesters (excluding summers). A student applying for a leave of absence must provide an expected date for return. Students on leave will be required to meet the degree requirements under which they were admitted. A leave of absence may not be used for the purpose of taking academic courses at another institution with the intent of transferring the credits to Suffolk University. Students requesting a leave of absence for military duty are permitted to extend their leaves of absence beyond two non-consecutive terms.

A matriculated student who does not return for reregistering at the specified semester will be classified as an official withdrawal and must apply for readmission through the Office of Undergraduate Admission.

Current/Returning Students Wishing to Withdraw from the University

Students who are transferring to another institution or students who do not plan to return to Suffolk University in the future must submit a [Withdrawal Form](#) to the Student Affairs Office. The University's refund policy will determine refunds.

See Also

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Change of Address/Name

Students are required to notify the Registrar of any change of home or local address within 48 hours of the effective change date, parent or guardian, or any change of legal name. Suffolk University requires a student's legal name be used on academic records and other official University documents.

All Suffolk University students are required to submit (or confirm) current [emergency contact information](#) each semester and when such information changes.

Academic Record Status

Student academic records are sealed at the time the degree is conferred. After this date, changes cannot be made to majors and minors, academic honors, removal of incompletes, grade changes, or other changes to an academic record.

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Policies

1. CAPS students may take courses in all College of Arts & Sciences and the Sawyer Business School if they have completed all necessary prerequisites.
2. CAPS students may only take up to 30 credits at the non-degree level. Those wishing to take more than 30 credits must apply as a degree-seeking student.

See Also

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College of Arts & Sciences

College of Arts & Sciences Undergraduate Programs

Mission Statement

The College of Arts and Sciences has as its credo that liberal learning prepares students of all ages and backgrounds to live more fulfilling lives, to appreciate and contribute to the communities of which they are members and to reach their ethical, personal, intellectual and financial goals. To help its students maximize their potential, the College emphasizes critical and analytical thinking through a rigorous “success skills” undergraduate core program in written and oral communication, computing, analyzing and integrating. Faculty scholarship supports diversified liberal arts concentrations available in the humanities, the natural sciences and the social sciences, along with graduate programs in several fields, most offering career-related professional program tracks and practical experience on or off campus.

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Fall 2017 Degree Requirements

2017-2018 Undergraduate Degree Requirements

The College of Arts & Sciences offers the following undergraduate degrees:

- [Bachelor of Arts \(BA\)](#)
- [Bachelor of Fine Arts \(BFA\)](#)
- [Bachelor of Science \(BS\)](#)
- [Bachelor of Science in Journalism \(BSJ\)](#)
- [Bachelor of General Studies \(BGS\)](#)
- [Associate of Arts \(AA\)](#)
- [Associate of Science \(AS\)](#)
- [Associate of Science in Paralegal Studies \(ASPS\)](#)

Please reference the [archived catalogs](#) for degree requirements for students matriculating prior to fall, 2017.

Each academic department specifies whether students majoring in that department may earn the BA, the BS, or have a choice of the BA or BS. All degree programs provide a broad liberal arts background and specialization within a single major field or divisional concentration.

A minimum of 126 semester hours is required for the bachelor's degree (124-hour requirement for the BFA) and 64 for the associate's degree.

See all [Majors and Minors](#) offered by the College of Arts & Sciences (CAS).

• Degree Requirements

Within the semester-hour requirements for bachelors' and associates' degrees, certain courses and options must be taken as requisites to the degrees. Core Requirements provide the basic knowledge and skills necessary for successful academic work at higher levels, and the breadth of knowledge in many fields that is fundamental to liberal education. Courses that fulfill the Creativity and Innovation, Social and Intellectual History, Modern Language, Studies in Literature, Quantitative Analysis, Seminar for Freshmen, Human Behavior and Societies, or VPATH requirements may double count to fulfill the Social, Cultural, and Global Perspectives (SCGP) requirement. Courses that fulfill the Modern

Language Requirement at the level of 202 or above may double count to fulfill one (1) additional core requirement. Within the core, triple counting of requirements is not permitted.

To complete any major in CAS, students are required to take a minimum of 12 semester hours of courses in the major department at Suffolk University. Students must achieve a minimum 2.0 grade point average in their major. Courses that are taken as part of a student's Major or Complementary Major Requirements, which are also listed under the College Requirements, can be used to satisfy both Major and Core Requirements.

Any course may count only once toward the 126-hour requirement for bachelors' degrees (124-hour requirement for the BFA) and the 64-hour requirement for associates' degrees. Individual exemptions from Core Requirements, based on examination and recommendation of the appropriate departments, may be granted by the dean of the College of Arts & Sciences. Semester-hour credit is not granted for such exemptions.

Students should have finished WRI-101 and WRI-102 or authorized equivalents by the time they have reached 64 credits. Delaying the first-year writing requirement may impair performance in upper-division courses and make it difficult to graduate on schedule. Upper-division students who have not completed all writing requirements should do so before they achieve senior status.

• Declaring a Major

An academic major program enables a student to concentrate a portion of his or her studies in a specific subject area. Although many students come to the University with a specific major in mind, many other students decide to postpone the declaration of a major until they find out more about certain fields and concentrations of study. These latter students leave open their choice of a major, and are thus referred to as "open" majors. In general, students do not have to select their major until the second semester of their sophomore year.

Students wishing to declare or change a major need to obtain a Change of Major Form at either the [Office of the Registrar](#) or the [Undergraduate Academic Advising Center](#). This form should be brought to the new major department for advisor assignment. The form is then submitted either by the new department or by the student to the Office of the Registrar.

• Double Majors

Double majors are permitted in most content areas. The following double major pairs are not permitted because of significant content overlap:

- Advertising and Public Relations
- Biology and Biochemistry
- Biology and Radiation Science
- Chemistry and Biochemistry
- Environmental Science and Environmental Studies
- Media & Film and Global & Cultural Communication
- Media & Film and Journalism

A student must complete the major requirements and the complementary major requirements for each major field. Advisors for each of the two proposed major departments advise the candidate concerning the proposed double major and help the candidate to plan, coordinate, and implement a program that interrelates (where possible) the two proposed major disciplines. At some point after the first year, but not later than the end of the junior year, the student should declare the double major. The double major approval form, signed by both advisors, must be submitted to the CAS Dean's Office for approval. A student declaring a double major must have a GPA of 2.0 or higher and must maintain a minimum 2.0 GPA in both majors.

To qualify for a double major, a student may use no more than four courses from a given major toward the second major.

These restrictions on the number of courses that may be counted toward two majors do not apply to prerequisite, co-requisite, or complementary major requirements of the majors.

CAS students wishing to double major with the Sawyer Business School must consult with the SBS double major coordinator during the initial application process and must adhere to the CAS Double Major criteria.

• Dual Degrees

A student may earn two different undergraduate degrees (e.g., BFA/BA) when the requirements of both degrees, plus a minimum of an additional 30 credit hours of academic work, have been completed. A student seeking a dual degree must have a GPA of 2.0 or higher and must maintain a minimum 2.0 GPA in both majors and degrees. The dual degree approval form, signed by both advisors, must be submitted to the CAS Dean's Office for approval.

• Minor Programs

A student declaring a minor may use no more than two courses from a major to fulfill the requirements for the minor. No more than one course from one minor may count toward the fulfillment of a second minor. Students may not minor in a subject in which they are also completing a major.

A minor program is optional for any student and is not required for graduation. A student should consult as early as possible with his or her advisor, and with a member of the department in which he or she intends to minor, regarding minor requirements. Students must achieve a minimum GPA of 2.0 in their minor.

The departments of Mathematics & Computer Science, and World Languages & Cultural Studies should each be considered to be two separate departments when considering major/minor combinations. Similarly, the Fine Arts, Foundation, Graphic Design, Illustration, and Interior Design programs should be considered as separate departments for the purposes of minors. Please note that, while Interior Design BFA candidates may minor in another NESAD major program, there is no Interior Design minor. Students majoring in Sociology may complete the minor in Education Studies (administered by the Sociology Department), and students majoring in Government may complete the minor or the certificate in Law (administered by the Government Department).

These restrictions on the number of courses that may be counted toward the minor do not apply to prerequisite, co-requisite, or complementary requirements of other declared majors or minors.

Students must complete a minimum of eight credits within their minor department at Suffolk University.

• Business Minors for CAS Students

A College of Arts & Sciences student seeking a Business Minor should consult with the [Undergraduate Academic Advising Center](#). Additionally, students may be advised to meet with specific faculty specialists in their area of interest. Please refer to the [Sawyer Business School section](#) of this catalog for program details.

The Sawyer Business School offers two types of business minors to College of Arts & Sciences students:

The **General Business Minor** appeals to students who choose to develop a basic understanding and appreciation of business administration.

The **Functional Business Minor** is for CAS students who would like to minor in a specific business discipline.

• Second Baccalaureate Degree

Students with an earned baccalaureate degree from an accredited four-year institution may apply for admission to an accelerated second bachelor's degree program in the College of Arts & Sciences. By transferring prior coursework to satisfy the Core Requirements and by completing all departmental requirements for the new major, a student could earn a second baccalaureate in as little as one academic year.

All applications must be initiated in the [Office of Undergraduate Admission](#). A candidate will be referred to the appropriate department chair for advising. The Office of Undergraduate Admission will then accept and evaluate all outstanding college requirements.

If accepted, a candidate would be required to successfully complete a minimum of 45 credit hours of new coursework and satisfy any outstanding general Core Requirements. Candidates deemed under-prepared to begin a second baccalaureate degree by the department chair could be required to complete prerequisite studies as a condition of admission to the program.

• Associate Degrees

An associate degree is designed as a two-year program. Credits earned toward the associate degree may be transferred to a four-year program at another institution; may be used to allow the student to re-enter college after an absence; or may be converted to a four-year degree program at Suffolk University if the student's educational objectives change. The College of Arts & Sciences offers an Associate of Arts (AA) degree, an Associate of Science (AS) degree, and an Associate of Science in Paralegal Studies (ASPS) degree.



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Associate of Arts Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AA degree program requires the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

First Year Experience: 1 course, 1 credit

Students with 15+ transfer credits of college or university work are exempt.

Choose one of the following to be completed during the first semester of matriculation:

- **CAS-101 Strategies of Success**

Prerequisites:

CAS students only. SBS students by special permission.

Credits:

1.00

Description:

CAS 101 is a one-credit course that meets once a week and is designed to help you have a successful transition to Suffolk University and our unique urban community. It is also designed to introduce you to the principles and concepts of Oral Communication and Presentation Skills. Through interactive exercises and engaging assignments, you will explore the campus environment and learn about strategies for success as a student. You will present speeches about your research and activities to improve your abilities as a speaker.

- **ADPR-102 Professional Development**

Prerequisites:

ADPR-101 must be taken concurrently

Credits:

1.00

Description:

In this hands-on experiential course, students examine potential career paths in Advertising, Public Relations, and Social Media, become oriented to the university and the surrounding Boston area, and identify professional resources in Boston that foster career development.

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Arts Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AA degree program requires the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Seminar for Freshmen: 1 course, 4 credits

Students with 15+ transfer credits of college or university work are exempt.

Please note that not all courses are offered each semester. Students should contact their advisor to learn about current course offerings.

Choose one Seminar for Freshmen course from those listed below:

- **SF-101 Fixing the World- Energy and Water: The Science of Solutions**

Credits:

4.00

Description:

Two of the most daunting challenges the world faces (or will face) is how to provide for both its growing energy needs and potable drinking water. Regular news events include climate change, droughts, flooding, and petroleum struggles. Human nature often requires a severe crisis before it responds. This course will investigate the historical science driving the use of energy since the Industrial Revolution to convert energy resources into work, including the steam engine, the electric motor, and the internal combustion engine. It will also consider alternative energy options to fossil fuels, such as solar, wind, geothermal, and ocean power. Along the way we will consider the evidence for Global Warming and Climate Change. We will look into human nature, simple life styles, conspiracy theories, and the influence of those in power to shape human opinion. We will also consider how our water supply is provided and where it goes after being used. What options do developing countries or drought racked areas have to remedy their water needs? Although the course pursues a scientific understanding of these issues, the mathematics used will be gentle, and a larger emphasis will be placed on the intuitive appreciation of these concerns.

- **SF-116 Enlightened Insanity**

Credits:

4.00

Description:

Rain or shine, the great 18th century Enlightenment philosophers would meet at the famous cafes of Paris to discuss their ideas, and to observe and criticize society. From these informal debates emerged ideas that are at the core of our modern understanding of the nature of society, marginality, human nature, civil rights, the essence of creativity and genius. Come join us in the quest to understand, define, observe, and analyze the key ideas and concepts of these great thinkers, such as Rousseau, Diderot, and Voltaire, still so relevant in our time. We will read key works of these creative thinkers and philosophers. We will enrich our experience and understanding through the use of film, theatre performances, museum visits, as well as the occasional cafe debate.

- **SF-126 The Boston Theatre Scene: the Inside Experience**

Credits:

4.00

Description:

Using the current Boston theatre season as its syllabus, this writing- and analysis-intensive course will explore several plays in production at some of Boston's many professional theatres. We will study the script of four to five plays before attending performances of those works. Students will gain insights on the world of theatre through backstage tours and conversations with theatre professionals such as producers, directors, actors, designers, playwrights, and critics. Students must be available for evening (usually Wednesday) performances. A fee for student-rate tickets will be assessed.

- **SF-132 The Beatles: Here, There & Everywhere**

Credits:

4.00

Description:

This seminar will investigate the impact and legacy of the Beatles. The Fab Four deserve our scholarly attention as musical innovators and as cultural avatars of the 1960s, an era that still exerts influence today. We will examine the many ways in which the Beatles rocked the establishment and became defining figures in post-war youth culture. We will also discuss other media (the visual arts, film, fashion, style) and fields of study (mass media, marketing, recording technology, copyright law, English history) using the Beatles as our guides.

- **SF-151 Getting Over It: Dealing With the Aftermath of Group Conflict/Mass Atrocity**

Credits:

4.00

Description:

Once violent conflict between two groups has ended, what is the best way to transition back to normality coming to terms with the past or simply moving on? To answer these questions we will examine the debates surrounding war crime tribunals, truth commissions, lustration policies, and reparations in the second half of the 20th century. Case studies will include post-apartheid South Africa, post-WWII Germany, and the Israeli/Palestinian conflict. We will discuss the philosophical problems raised by each of these instruments, as well as on the political, legal, and practical difficulties their implementation present. Cultural Diversity B

- **SF-156 The Mask Behind the Face: Personas, Personalities, and Perception. Acting in /Out Life**

Credits:

4.00

Description:

The theatre has always been a metaphor for life. In modern times life has become theatre. This seminar will confront the idea of real life and the eroding boundary between performers and audience. Students will study the roots of the contemporary obsession with stars and stardom, a mania that began in the 18th century and flourished in the 19th century. We will look at performance studies, performers memoirs, plays, and films that dramatize this dilemma.

- **SF-173 Crime in American Society**

Credits:

4.00

Description:

Popular beliefs about crime are often inspired by the media and by specific criminological theories. These theories about and media images of crime will be examined in detail, including the hits and misses.

- **SF-174 Tragedy and Literature**

Credits:

4.00

Description:

This course will focus on classic works of ancient and modern literature that examine the human condition from a tragic perspective. We will concentrate on close readings from the following texts: Homer's Iliad, Sophocles' Antigone, The Bhagavad-Gita, Shakespeare's Othello, Chekhov's short stories, and Joyce's Dubliners.

Type:

Classics Minor

- **SF-175 War and Apocalypse in Science Fiction**

Credits:

4.00

- **SF-178 Sacred Hoops & Sneaker Pimps: Understanding the American Hoop Dream**

Credits:

4.00

Description:

This course is about the basketball hoop dream played out at the high school and college levels. We will study a wide variety of materials - novels, films, websites, reference works - to understand both the construction, and destruction, of the hoop dream in such diverse places as New York City, Seattle, rural Indiana, suburban Georgia, and the Wind River Reservation in Wyoming. Issues of race and culture will serve as guiding themes as we develop critical theory explaining why the hoop dream has persisted, and adapted, over time, to fit the needs of its believers and supporters.

- **SF-182 Heroes, Antiheroes and Outsiders: Reading the Graphic Novel**

Credits:

4.00

Description:

How is it that comics", a genre often viewed as entertainment for children and adolescents, has become one of the most exciting forms of narrative and visual art? To answer this question, this seminar will examine a range of graphic novels, from those that celebrate their origins in superhero comics, such as Alan Moore's Watchmen, to those that treat subjects not usually considered proper to the comics genre, such as Art Spiegelman's Maus, about the Holocaust, and Alison Bechdel's Fun Home, about the complexities of sexual identity. As we read these works, we will look at how the combination of words and still images makes the graphic novel a unique storytelling form, as well as how artists and writers push the envelope to create new styles and challenge our expectations. In addition to class discussions and writing assignments, we will take a field trip to the Museum of Fine Arts and create a collaborative group graphic novel step-by-step over the course of the semester (all abilities welcome).

- **SF-183 Politics, Power and the Media**

Credits:

4.00

Description:

Is there a relationship between accumulated political power and mass media representations? Is news content impacted by existing political power relations? It is the object of this course to critically analyze the role of the mass media within the framework of existing political power relations in the United States. In particular, the course will focus on the role the mass media plays in promoting and reinforcing dominant political practices and ideologies. The course will begin by exploring various theories of the press, notably its function in a democratic society, as well as the concepts of power and propaganda. We will continue with a series of case studies, complemented by secondary sources that highlight how media representations affect the contemporary distribution of political power in the US. Topics of discussion will include the current US war on terrorism, the ongoing health care debate, the public disavowal of big government", and the concept of a liberal media.

- **SF-189 American Gothic: Edgar Allan Poe, Flannery O'Connor and Annie Proulx**

Credits:

4.00

Description:

This literature seminar will study and compare the short stories of Edgar Allan Poe, Flannery O'Connor, and Annie Proulx. Beginning with Poe as the father of the short story genre in America and exploring his critical theory of the grotesque and arabesque", the class will examine the emergence of the gothic literary idiom as a classic American genre. Critical essays on the gothic aesthetic will be analyzed and film adaptations and documentaries will be viewed.

- **SF-190 Asia in America Fiction and Fact**

Credits:

4.00

Description:

With a focus on some selected ethnic groups from Asia, Asia in America studies the history and current status of Asian Americans in Boston and other parts of the country. We will examine the major reasons why these immigrants chose to leave their home country as well as their expectations and experiences here in America. We will also discuss the issues Asian immigrants have faced in this adopted home as well as the connections and conflicts among different ethnic groups or even within the same ethnic group due to political and socio-economic reasons. The course will include some level of community engagement, through Chinatown tour and service, which may enable us to have a direct contact with the Asian American population and reflect on what is being discussed in class. Through this course, we hope to gain a better understanding of the racial and cultural history of the country and arrive at a deep appreciation of the dynamics of cultural interactions in the twenty-first century. The course fulfills the SCGP requirement.

Type:

- **SF-191 Film Adaptation Film Adaptation**

Credits:

4.00

Description:

Why did they change the ending of the book? The novel is so much better! We will explore the concept and industry of film adaptation. Students will read novels and watch respective film adaptations to explore how the written word is adapted to the screen; both fiction and non-fiction works will be considered. Also, field trips to past film locations in Boston will be taken to explore why specific settings were chosen for respective situations. Additionally, students will create their own written adaptations of source materials, putting into practice the concepts studied in class.

- **SF-197 Sustainability, Energy, and Technology At Suffolk University**

Credits:

4.00

Description:

In this project and team-based course, students study a sustainability problem at Suffolk University and spend the semester developing proposals to address the problem. At the end of the course students will present their proposals to Suffolk University's sustainability committee, and will exhibit their websites and visual aids in the Donahue lobby to educate the Suffolk community about sustainability. If their proposals are well-researched and well-communicated, students can see their ideas actualized while they are still undergraduates.

- **SF-198 Music and the Brain**

Credits:

4.00

Description:

What accounts for the power of music to move us so profoundly? This course explores how our brains and music evolved together: What music can teach us about the brain, what the brain can teach us about music, and what both can teach us about ourselves.

- **SF-199 Unfolding the European Union**

Credits:

4.00

Description:

The EU is a powerful political, economic and cultural block that is meant to play a major role, together with the USA and China, in the creation of a new post-crisis world order. The seminar is intended to cover, at a basic but reachable level, the history, the politics, the culture and the functions of the EU in the beginning of the Twentieth Century. An extraordinary experiment of sociopolitical engineering, comparable to that of the United States of America, the EU has been changing the life of an increasing number of Europeans for over 50 years. No American student could afford to ignore the inner structure as well as the particular peculiarities of such inclusive supranational organization in today's world. Issues as institutional functioning, problems derived from individual state sovereignty, economic coordination to face common challenges, cultural integration, future enlargement, etc. are all indispensable to understand the way in which Europe is changing. But also much more day-to-day issues, such as travel mobility, education exchange programs, citizen's participation, supranational networks of people in the arts or in business, unified labor market, gender participation, human rights, consumer's protection, etc. are all in the process of developing a more robust and functional European Citizenship.

- **SF-1110 Decoding Boston: Signs and the City**

Credits:

4.00

Description:

This interdisciplinary seminar will explore the buildings, monuments, sites, and signs around Boston from the point of view of Visual and Culture Studies. In addition to providing a compelling introduction to the history, major landmarks, and culture of the city, the seminar is specifically intended to improve students' visual literacy: that is, their awareness of their visual environment and their ability to critically analyze the rhetoric of the spaces, buildings, and images with which they are surrounded.

Type:

Local Engagement Experience

- **SF-1122 The Ethics of Peace and War: From The Ancient World to the Present**

Credits:

4.00

Description:

This course will explore historical, ethical and political issues concerned with matters of peace and war. We will examine a variety of different texts: religious, historical, philosophical and literary, but the main emphasis will be philosophical justifications for war and philosophical visions of just peace, with an eye to contemporary questions in the War on Terror. To the extent that we use non-philosophical texts, this will be in the service of focusing the imagination on the philosophical issues and applying theoretical frameworks to historical events.

- **SF-1127 The Vietnam and Iraq Wars: Polarized Perspectives**

Credits:

4.00

Description:

This class will examine some of the many controversies surrounding the Vietnam and Iraq Wars, two conflicts that have been profoundly polarizing for the American people. There are widely divergent perspectives regarding the fundamental questions surrounding each war. Were the reasons for American involvement just? To what extent were the methods used by the United States military during each war just? To what extent did the media play an appropriate role before, during, and after each war? Did opposition to these wars serve primarily to benefit the enemies of the United States or did it constitute a form of patriotism and love of country? This interdisciplinary course will address these and other complex questions by examining the histories, literature, and films (both documentaries and dramatic) that have been produced in response to these wars.

- **SF-1128 Sustainable Media**

Credits:

4.00

Description:

Contrary to a popular perception that information, communication and entertainment technologies are clean, ecologically benign and paperless, the reality of an increasingly digital life is that our fascination with the next best thing in mobile phones, video game consoles, personal computers, digital cameras, tablets, etc., has devastating impacts on our environment. These media devices are manufactured using toxic ingredients in poisonous working condition, require an abundance of energy to operate, and create hazardous waste when disposed. Media technology companies and the advertising industry that markets their wares have successfully persuaded consumers to accept rapid obsolescence and to highly anticipate the latest upgrade. But some consumers, electronics manufacturers, policy makers, and environmental groups are working to change the culture of consumption in favor of sustainable media practices that lessen the environmental footprint of the digital devices we use everyday. The purpose of this course is to understand the problem of unsustainable media, and the possible solutions for a sustainable media system.

- **SF-1129 Beacon Hill: Fact, Fiction, and Fantasy**

Credits:

4.00

Description:

The course will explore the physical geography, history, and image in literature, film, and pop culture of Suffolk University's Beacon Hill neighborhood. The purpose and objective of the course is to provide students with a deep knowledge, understanding, and appreciation of Beacon Hill through examination of written and visual sources, and feet-on and eyes-on experience of the public parts of the Hill.

Type:

Local Engagement Experience

- **SF-1133 Problems and Solutions in Early American History**

Credits:

4.00

Description:

This course will examine four major problems in the early American republic: forming a government; bridging vast distances on the American continent; slavery; international relations. We will explore the various proposed solutions to these problems. Some of the solutions worked well, others were more disastrous than the initial problem. We will read primary documents pertaining to these issues, and try to imagine how men and women considering the problems might have responded to them. What solutions could be proposed? What solutions would work? What were the political, economic, or social difficulties generated by the problem and by the proposed solutions? In considering the problems, we will also learn how to use the various archives close at hand: the Sawyer Library, the Boston Public Library, the Massachusetts Historical Society, and the Massachusetts State Archives. Students will also post their findings on a class blog, and present their work to one another in class.

- **SF-1134 The Meaning of Life**

Credits:

4.00

Description:

What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? This award-winning course offers a cross-cultural, interdisciplinary exploration of these questions through philosophical and religious texts, art, fiction, autobiography, and psychological studies. The course opens with the Old Testament's book of Ecclesiastes, followed by three units: 1) A Life Worth Living: Humanity's Ideals focuses on the ancient and modern visions of human flourishing; 2) Threats to Meaning: Humanity's Discontents, discusses the disillusionments leading to the loss of meaning; and 3) Recovery of Meaning: Crises and Hopes, explores the post-crisis possibilities of self-discovery and growth. Please visit <http://meaningoflife.cherkasova.org/>

- **SF-1135 Women Warriors: Stories of Captivity, Conversion, and Confession**

Credits:

4.00

Description:

Since the beginning of time, women have been doing battle to themselves, while men have gone to battle against others. Whether it is through converting to Christ, yielding to captors in order to survive, or carrying a baby, this course introduces students to the many ways in which, whatever battles they face, women are warriors; they survive. Utilizing an array of captivity, conversion, and confession narratives by women, and pairing them across the centuries, students will make connections and draw conclusions between early-and mid-19th-century-American and contemporary women. Students will connect, for example, the trials of the 17th-century Puritan captive, Mary Rowlandson, and contemporary hostage, Elizabeth Smart, to explore how women (no matter how different they seem) draw upon unique inner resources to survive.

- **SF-1141 Classical Civilizations: Pathways to Wisdom**

Credits:

4.00

Description:

How is it that the knowledge, intelligence, wisdom and values of the Greeks and Romans still educate and edify the world by providing venues towards leading fulfilling and dignified lives? The guiding principles of their respective civilizations rested upon eight pillars: - Humanism: It was recognized that humans have the potential to master their world and live life to the fullest. -The Pursuit of Excellence: To imagine the highest good and strive to attain it. - Self Knowledge: It is imperative to know oneself before seeking to know the world. - Rationalism: Always question, reason and discern truth from falsehood and never consider any matter superficially. - Restless Curiosity: Often the resolution of one issue leads to the revelations of others mysteries and pursuits which compels further investigation. The wise individual makes this a lifelong endeavor. -Love of Freedom: As long as one brings no harm to others, one must be free to live and discover as much as possible. - Individualism: All are unique and, therefore, must recognize individual strengths and identity. -The Practice of Moderation: The prudence of avoiding extremes in personal and social conduct. In this

course, students will read two (brief) texts on the Greek and Roman contributions to the world and then will proceed with specific readings which illuminate the eight principles above for achieving the good life.

- **SF-1143 In the First-Person: Storytelling in the 21st Century**

Credits:

4.00

Description:

This section of the Seminar for Freshmen will consider the forms, venues, and impacts of narrative nonfiction in contemporary culture. From the exploding popularity of personal essays in the digital age to the living, evolving essays we create on social media, we are constantly narrating and archiving our lives, shaping their content for specific audiences. In doing so, we shape what our experiences mean and represent. In order to analyze the power of narrative nonfiction, we will look at a variety of multimodal texts: essays, podcasts, Instagram and Twitter feeds, stand-up comedy, and storytelling slams, as well historical texts such as the essays of Michel de Montaigne and historical artifacts at the National Archives in Boston. We will also write our own narrative nonfiction, and adapt our first-person stories for listening and viewing audiences, such as the MassMouth story slam and podcasts like This American Life. Additionally, we will practice narrative nonfiction for professional audiences, using storytelling as a way to showcase personal strengths to employers, internship coordinators, and the like.

- **SF-1144 Native Americans: Walking in Two Worlds?**

Credits:

4.00

Description:

Native Americans are often described as walking in two worlds, as they attempt to navigate the process of maintaining their tribal identity and heritage while living in mainstream America. In recent years there has been a shift towards tradition and heritage, and a rejection of Western values and norms in both the US and Canada. In this course we will look at how Native people live in the US and Canada today, and examine the extent to which they are either trying to walk in two worlds or perhaps rejecting the two worlds model. To help us answer this question, we will read about reservation life, the Idle No More Movement, Indigenous History, and current events. We will also watch videos and explore indigenous culture.

- **SF-1145 Emergence of Southeast Asia**

Credits:

4.00

Description:

Explores the eleven countries and 600 million people of Southeast Asia starting with foundations- geography and environment- and then looking at the human imprint, in the form of the history, religions, and cultures of the region. An examination of contemporary issues related to demography, politics, and (especially) economics.

- **SF-1146 Fido the Friendly Wolf: A Natural History of Dogs**

Credits:

4.00

Description:

This course explores the evolution of dogs from wolves and the ways in which dogs have adapted to their niche in human society. The ecology, behavior, genetics, and adaptations of dogs will be explored in relation to both their wolf ancestry and artificial selection by humans. The course includes 2 mandatory field trips to a wolf sanctuary and an animal shelter.

- **SF-1147 Global (In) Security: From ISIS to Ebola**

Credits:

4.00

Description:

This course reviews the principal features of global and national security as it is currently practiced by tracing the evolution of theories, policies and circumstances whereby current international security is developed. Students will evaluate the nature and origins of war, arms proliferation, military instability, terrorism, genocide, health threats and natural resources depletion.

- **SF-1148 Brave New Worlds**

Credits:

4.00

Description:

Explores themes of adventure, self-discovery, exile, and culture shock in classic and contemporary travel writing (including fiction, poetry, and non-fiction) as well as film. Students will experiment with creative writing of their own, develop theories of cosmopolitan world citizenship, travel through the city of Boston on field trips, and team up to learn about different countries in Suffolk's global network of study abroad programs.

- **SF-1150 Religion in Contemporary Society**

Credits:

4.00

Description:

This course is design to provide students with an overview of the social settings and cultural meanings of religion in the contemporary world. Topics that will be covered in reading and discussions include the rise of religious fundamentalism, religion and violence, women's and men's religious experiences, new religions, and portrayals of religion in popular films. In addition to the readings, students will observe and experience religious expressions and activities through fieldwork assignments. The emphasis on films and fieldwork reflects my belief that religion is made up of lived experiences of actual individuals and communities. In order to understand religion in contemporary society we will make every effort to see (in person or in film) a wide range of religious activities. The films we will see include some of the following: Leap of Faith, Devil's Playground, Kadosh, Women of Hizballah, Singing Stream, A Still Small Voice.

- **SF-1151 Reproduction and Society**

Credits:

4.00

Description:

This course explores relationships between reproductive health and rights both nationally and internationally. Many of our topics fit into two broad areas: conflicts over the control of childbearing (sterilization abuse, birth control, and abortion) and conflicts over who deserves to be a mother, especially when the mothers in question face social stigma and lack political power. Other topics include safe birth and maternal mortality, breastfeeding, infertility and reproductive technology. We also examine the politics of women's sexual and reproductive autonomy, including the policies that shape women's choices to prevent, achieve, abort, or carry to term a pregnancy. Throughout, we are guided by the following questions: Why is reproduction an important site through which to understand society? How do statuses such as race, class, gender, sexuality and ability influence people's reproductive possibilities? What is the role of the state in shaping these experiences? How have communities supported or resisted efforts at reproductive control? Why is reproductive justice central to these answers?

- **SF-1152 The Idea of America: Past, Present, Future**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. The course will also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. Because this course intends to apply theoretical understanding to real life, students will be expected to read contemporary journalism on a regular basis and assess the controversies of today in the light of the nation's philosophical and historical currents.

- **SF-1153 Law, Disease, and Public Health**

Credits:

4.00

Description:

This course is about public health law, which is the study of the legal powers and duties of the various systems of government in the United States (federal, state, and local) in collaboration with their partners (e.g., health care, business, the community, the media, and academe), to ensure the conditions for people to be healthy (to identify, prevent, and ameliorate risks to health in the population), and of the limitations on the power of these systems of government to constrain for the common good the autonomy, privacy, liberty, proprietary, and other legally protected interests of individuals. The prime objective of public health law is to pursue the highest possible level of physical and mental health in the population, consistent with the values of social justice. The course will focus especially on public health law in the area of epidemic disease. Case studies will be made of the Great Influenza of 1918 and the origins and spread of the Ebola virus, culminating in an examination of outbreaks of Ebola in the United States.

- **SF-1154 Introduction to Visual Studies**

Credits:

4.00

Description:

This seminar provides an introduction to Visual Studies, a relatively new interdisciplinary field that examines how images communicate and the roles that they play in society. Students will apply the concepts and techniques of Visual Studies to analyze sites and signs around Boston, such as

advertisements, street signs, fashions, newspaper photographs, buildings, and public spaces. Class projects will increase students' awareness of their visual environment and their ability to critically analyze the visual rhetoric that surrounds us and is often used to manipulate us.

Type:

Local Engagement Experience

- **SF-1155 The Boston Olympics**

Credits:

4.00

Description:

This class will teach students about the key role that sporting events can play in building a city, building its brand and the politics surrounding the process of these things occurring. Topics may include: urban development in general and the transformation of the industrial to the post-industrial Boston; the way in which cities use events like the Olympics to build their place brands; the way an effort like the Olympics can be used to encourage large scale public investment in longer term infrastructure projects that otherwise might not be justifiable; and the way government works with interest and community groups to try to shape public policy.

- **SF-1156 Thinking About the Insanity Defense**

Credits:

4.00

Description:

This course examines sixteen case examples providing a clear and compelling introduction to one of the most important topics in the relation between public policy and law. This course addresses: the history of the insanity defense; the effects of different standards for determining insanity; the arguments for its retention; abolition, and revision; media and other responses to it; and the controversies around pre and post conviction commitment. The case examples illustrates a variety of outcomes and include individuals who were found not guilty by reason of insanity; found guilty even though mentally ill; and not charged because of mental illness.

- **SF-1157 Germany in Film and History, 1945-2015**

Credits:

4.00

Description:

Since 1945, Germany has had a lot of history to reckon with- and 21st century Germany history through film, newsreels and other archival footage, radio and TV shows, war memorials and museums built since 1945, novels, published diaries, and memoirs. We will also read recent historical scholarship to put these cultural texts in context. Topics include the representation, in film and other texts; of: post-war rebuilding, the German Economic Miracle; the building of the Berlin Wall; radical politics of the 1960s and 1970s; coming to terms since 1945 with Germany's Nazi past and the Holocaust; coming to terms since 1990 with the Stasi and East German past; Ostalgie (nostalgia in the 21st century for some aspects of East German socialism); the multicultural society that is Germany today, with new Turkish, Greek, Russian, Arab, and even Israeli communities.

• SF-1158 Global Climate Change

Credits:

4.00

Description:

Conversation about the weather is considered to be the universal icebreaker. Yesterday's sweltering heat, the storm predicted for this weekend, even long-term climate shifts find their way in our daily conversation. Today, however, such casual conversations have an edge to them, because we are realizing that humans play a role in determining the climate shift. In fact, understanding the human fingerprint in the Arctic tundra melting, or a devastating hurricane, has gone well-beyond small talk to become one of the most important challenges our society faces today, and on that is wedded to geopolitics. To meaningfully participate in any dialogue that addresses this challenge people have to be aware of certain key ideas of Physics and Planetary Science. The aim of this course is to provide you with some of the essential facts and pieces of science underlying such questions. This course will enable you to grasp many of the issues that dominate today's political discourse and to develop an informed opinion (your, not our!) for which you can rationally argue.

• SF-1160 Individuals and Society in the Zombie Apocalypse

Prerequisites:

CAS Freshmen Only

Credits:

4.00

Description:

The Walking Dead tells viewers that life in the zombie apocalypse requires people to fight the dead, fear the living. Sociologists want to know why we should fear the living. How do individuals come together and try to recreate society for themselves: either to build community or fight other groups? What role do morals and values have in a society? How does all of this determine life, death, and the struggles people must face? Questions like these will give our class a new view of The Walking Dead and can help us to learn more about the society that we live in where so far the dead have remained in the ground.

- **SF-1162 Space Missions: From Moon to Mars and Beyond**

Credits:

4.00

Description:

It is hard to believe that only 60 years ago, our only close-up view of a planetary body was that of Earth. We are truly living in the Golden Age of Space Exploration, when a new mission every few years brings us spectacular images from either a neighbor in the solar system or galaxies at the edge of the universe. This course will describe the dozen space missions that changed our view of the universe, ranging from our solar system to the most distant galaxies.

- **SF-1163 Spellbound! Witches, Wizards and Spirits In American Literature**

Credits:

4.00

- **SF-1164 Reinventing Europe: Beyond Brexit and Secular Stagnation**

Credits:

4.00

Description:

While newspaper headlines focus on the multiple problems Europe is facing today, the evolving adaptation of European nation states and the integration process receive less attention. Brexit and economic crises seem to be synonymous of Europe today, but facts such as the European Union accepting five new members in the coming five years or Europe being the most advanced environmental actor or the main international provider of official aid are often ignored by public opinion. This Seminar for Freshman examines the dynamic evolution of the integration process in Europe in the context of globalization. Three sections articulate the main debates and tensions in the interplay between national and supranational institutions and policies. The first part analyzes how eight European countries have forged their national preferences to delineate their level of immersion in the

integration process; it later proceeds with the examination of the main historical events in the history of the integration process. The second part explores the functioning of the EU institutions in order to grasp the essence of the complex policy-making in the Europe of 28 members. The third and final section presents the analysis of the main areas of the EU policy making such as agriculture, monetary and economic issues, among others, and observes the main developments in the area of EU external relations.

- **SF-1165 History of Boston**

Credits:

4.00

- **SF-1166 Cinema-Monde: Global Challenges on Film**

Credits:

4.00

Description:

This course focuses on French-language films - with subtitles! - that address pressing social issues of the 20th and 21st centuries, such as hunger, female genital mutilation, immigration, racism, economic inequality, genocide, gender, sexuality, colonialism and post-colonialism.

- **SF-1167 Fantasy Fiction: Imaginary Worlds**

Credits:

4.00

- **SF-1168 The Real Thing: the Pursuit and Problems Of Authenticity**

Credits:

4.00

Description:

This course will focus on the concept of authenticity in American culture, from its origins in the early 19th century to the present. When the advertising gurus of Coca-Cola branded it as "The Real Thing," they were exploiting something powerful: the idea of something real, stripped of any falsity or

illusion. Humans have always desired to know the world and others as they really are," but this desire is particularly strong in the modern world: witness the eagerness to discover one's true self," cut through the B.S., obtain the genuine article, and live authentically. In this course we will interrogate this pursuit of the Real Thing. In various ways, the texts we study both embrace authenticity as an ideal and also question its goodness, usefulness, or even its very possibility. We will thus confront a number of interrelated questions: Where does this desire for authenticity come from? What counts as authenticity," in life and in art? Is authenticity really a virtue to live by? How does it shape artistic and literary expression? Is there even such a thing as the real you This course will be divided into three units. In the first unit, Counterfeiters and Self-Made Men," we will study how a commitment to authenticity arises in antebellum American literature and culture during a time of rapid national expansion and invention. Readings will include texts by Henry David Thoreau, Ralph Waldo Emerson, Herman Melville, and P.T. Barnum. In the second unit, Authenticity and Contamination,"we will consider two major ways in which authenticity becomes idealized around the turn of the 20th century: as artistic ideal set against fears of mass cultural production, and as a cultural ideal set against fears of racial and cultural mixing. Readings will include texts by Ernest Hemingway, Nella Larsen, Jean Toomer, and William Carlos Williams. In Unit Three, Buying and Selling Authenticity," we will examine how authenticity becomes commodified (

- **SF-1169 Immortality: Real and Imagined**

Credits:

4.00

Description:

Most of the world's religious traditions have as a part of their doctrines some notion of immortality, rendered both in scriptures as well as iconographically. What precisely is entailed by immortality and why does it constitute such a significant element of so many religious traditions? What can we learn about immortality by investigating various conceptions of the afterlife? Is immortality truly a desirable thing? These questions among others will be examined from the perspectives of philosophy, religion, psychology, anthropology, and biology. Besides being cross-disciplinary, the course will be multi-media in nature. In addition to reading philosophical and religious texts concerning the nature of immortality, students will study various accounts of immortality and the afterlife, examine how the afterlife has been dealt with in (visual) art, literature, and film, and investigate current research into life prolongation (biomedical gerontology).

- **SF-1170 From Philia to Facebook: the Meaning of Friendship**

Credits:

4.00

Description:

The thematic focus of this seminar will be friendship. Friendship is one of the most important of human relationships; one that every student in this seminar has already participated in for many years. It shapes who we are and helps determine who we may become. And while it is a universal phenomenon, it has been practiced quite differently at various times and places in human history. And while we all have an intimate, personal and

practical knowledge of friendship through our own experiences, sometimes things that are so close and so obvious to us can be hard to see. Over the course of the semester we will inquire into friendship from many different angles, trying to gain both a broader and a deeper understanding than our own individual experience allows. We will look at friendship first through the lens of philosophy, particularly through the foundational text of Aristotle, *The Nicomachean Ethics*. We will look at other views of friendship from the ancient world, starting in the past to help us see that friendship has not always been thought of the way we think of it now. After this initial foundation is laid, we will examine other writers and thinkers and take up additional topics like friendship in different cultures, friendship and gender, friendship in and through the arts and include an examination of friendship through the lenses of many different academic disciplines to see how other systematic thinkers conceive of friendship. All along we will be comparing and contrasting with our own personal experiences and considering what modern technology, such as social networking sites, has done to influence friendship, in the way we practice it and the way we conceive it. It is the aim of this class that students not just study different academic points of view, but that they take up the questions and challenges that these thinkers present to them and fully engage with them on a meaningful personal level.

- **SF-1171 Living on and Beyond the Hyphen/Latino Writers in the USA**

Credits:

4.00

Description:

Hyphenated-Americans of Latino origin come from many places and backgrounds. Often perceived as a divide, an either/or that separates and distinguishes one ethnic group from another, the hyphen can also be viewed as a link that connects, integrates and facilitates the formation of new cultural spaces. Through films and written narratives by and about U.S.A. Latino(a)(x)-Americans, students will examine how individuals who live on the threshold between two languages and cultures embrace the challenge of preserving their own identity and moving beyond stereotypes. Each of the Latino/a/x authors that we will read in this course will describe his/her own experiences living in the U.S.A. By examining their views through our own filtered lens we shall try to answer questions like the following: 1. What role does language have in our definition/understanding of cultural identity? 2. How do individuals move beyond the hyphen and stop seeing themselves as hybrids? 3. How can an individual who does not belong to a marginalized group (i.e. one considered less powerful and secondary) understand and empathize with those who do? 4. How does globalization affect the dichotomies that arise in bi-cultural and multi-cultural communities?

- **SF-1172 The United States Mexican Border**

Credits:

4.00

Description:

One hundred and sixty nine years have passed since the Treaty of Guadalupe Hidalgo was signed. It is only fitting to analyze the profound changes that the gain/loss of these territories caused for the citizens of both sides of the border. This course will explore the literature, culture, and history of the United States-Mexican Border and the most pressing problems pertaining to the region. Emphasis will be on contemporary border theater and film.

The works of Salcedo, Galindo, Lopez and others will be studied as well as contemporary films and documentaries such as *Alambrista*, *Senorita Extraviada*, *The Gatekeeper*, *Sin Nombre*, *Wetback: the Undocumented Documentary*, *Victoria para Chino*, *Which Way Home*, and much more. There are no prerequisites for this course. Though the course is conducted in English, parallel readings in Spanish will be made available to those who wish to read and/or compare the original texts.

Students in the CAS Honors Program should choose one Seminar for Freshmen course from those listed below:

- **SF-H101 Fixing the World- Energy and Water: The Science of Solutions**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

Two of the most daunting challenges the world faces (or will face) is how to provide for both its growing energy needs and potable drinking water. Regular news events include climate change, droughts, flooding, and petroleum struggles. Human nature often requires a severe crisis before it responds. This course will investigate the historical science driving the use of energy since the Industrial Revolution to convert energy resources into work, including the steam engine, the electric motor, and the internal combustion engine. It will also consider alternative energy options to fossil fuels, such as solar, wind, geothermal, and ocean power. Along the way we will consider the evidence for Global Warming and Climate Change. We will look into human nature, simple life styles, conspiracy theories, and the influence of those in power to shape human opinion. We will also consider how our water supply is provided and where it goes after being used. What options do developing countries or drought racked areas have to remedy their water needs? Although the course pursues a scientific understanding of these issues, the mathematics used will be gentle, and a larger emphasis will be placed on the intuitive appreciation of these concerns.

- **SF-H116 Enlightened Insanity**

Prerequisites:

CAS Honors students only.

Credits:

4.00

Description:

Rain or shine, the great 18th century Enlightenment philosophers would meet at the famous cafes of Paris to discuss their ideas, and to observe and criticize society. From these informal debates emerged ideas that are at the core of our modern understanding of the nature of society, marginality, human nature, civil rights, the essence of creativity and genius. Come join us in the quest to understand, define, observe, and analyze the key ideas and concepts of these great thinkers, such as Rousseau, Diderot, and Voltaire, still so relevant in our time. We will read key works of these creative thinkers and philosophers. We will enrich our experience and understanding through the use of film, theatre performances, museum visits, as well as the occasional cafe debate.

Type:

Honors

- **SF-H126 The Boston Theatre Scene: The Inside Experience**

Credits:

4.00

Description:

Using the current Boston theatre season as its syllabus, this writing- and analysis-intensive course will explore several plays in production at some of Boston's many professional theatres. We will study the script of four to five plays before attending performances of those works. Students will gain insights on the world of theatre through backstage tours and conversations with theatre professionals such as producers, directors, actors, designers, playwrights, and critics. Students must be available for evening (usually Wednesday) performances. A fee for student-rate tickets will be assessed.

Type:

Honors

- **SF-H178 Sacred Hoops & Sneaker Pimps: Understanding the American Hoop Dream**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This course is about the basketball hoop dream played out at the high school and college levels. We will study a wide variety of materials - novels, films, websites, reference works - to understand both the construction, and destruction, of the hoop dream in such diverse places as New York City, Seattle, rural Indiana, suburban Georgia, and the Wind River Reservation in Wyoming. Issues of race and culture will serve as guiding themes as we develop critical theory explaining why the hoop dream has persisted, and adapted, over time, to fit the needs of its believers and supporters.

Type:

Honors

- **SF-H182 Heroes, Antiheroes and Outsiders: Reading the Graphic Novel**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

How is it that comics", a genre often viewed as entertainment for children and adolescents, has become one of the most exciting forms of narrative and visual art? To answer this question, this seminar will examine a range of graphic novels, from those that celebrate their origins in superhero comics, such as Alan Moore's *Watchmen*, to those that treat subjects not usually considered proper to the comics genre, such as Art Spiegelman's *Maus*, about the Holocaust, and Alison Bechdel's *Fun Home*, about the complexities of sexual identity. As we read these works, we will look at how the combination of words and still images makes the graphic novel a unique storytelling form, as well as how artists and writers push the envelope to create new styles and challenge our expectations. In addition to class discussions and writing assignments, we will take a field trip to the Museum of Fine Arts and create a collaborative group graphic novel step-by-step over the course of the semester (all abilities welcome).

Type:

Honors

- **SF-H197 Sustainability, Energy, and Technology At Suffolk University**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

In this project and team-based course, students study a sustainability problem at Suffolk University and spend the semester developing proposals to address the problem. At the end of the course students will present their proposals to Suffolk University's sustainability committee, and will exhibit their websites and visual aids in the Donahue lobby to educate the Suffolk community about sustainability. If their proposals are well-researched and well-communicated, students can see their ideas actualized while they are still undergraduates.

- **SF-H1134 The Meaning of Life**

Prerequisites:

CAS honors students only.

Credits:

4.00

Description:

What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? This award-winning course offers a cross-cultural, interdisciplinary exploration of these questions through philosophical and religious texts, art, fiction, autobiography, and psychological studies. The course opens with the Old Testament's book of Ecclesiastes, followed by three units: 1) A Life Worth Living: Humanity's Ideals focuses on the ancient and modern visions of human flourishing; 2) Threats to Meaning: Humanity's Discontents, discusses the disillusionments leading to the loss of meaning; and 3) Recovery of Meaning: Crises and Hopes, explores the post-crisis possibilities of self-discovery and growth. Please visit <http://meaningoflife.cherkasova.org/>

Type:

Honors

- **SF-H1135 Women Warriors: Stories of Captivity, Conversion, and Confession**

Credits:

4.00

Description:

Since the beginning of time, women have been doing battle to themselves, while men have gone to battle against others. Whether it is through converting to Christ, yielding to captors in order to survive, or carrying a baby, this course introduces students to the many ways in which, whatever battles they face, women are warriors; they survive. Utilizing an array of captivity, conversion, and confession narratives by women, and pairing them across the centuries, students will make connections and draw conclusions between early-and mid-19th-century-American and contemporary women. Students will connect, for example, the trials of the 17th-century Puritan captive, Mary Rowlandson, and contemporary hostage, Elizabeth Smart, to explore how women (no matter how different they seem) draw upon unique inner resources to survive.

Type:

Honors

- **SF-H1146 Fido the Friendly Wolf: A Natural History of Dogs**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This course explores the evolution of dogs from wolves and the ways in which dogs have adapted to their niche in human society. The ecology, behavior, genetics, and adaptations of dogs will be explored in relation to both their wolf ancestry and artificial selection by humans. The course includes 2 mandatory field trips to a wolf sanctuary and an animal shelter.

Type:

Honors

- **SF-H1148 Brave New Worlds**

Prerequisites:

Restricted to CAS Honors students

Credits:

4.00

Description:

Explores themes of adventure, self-discovery, exile, and culture shock in classic and contemporary travel writing (including fiction, poetry, and non-fiction) as well as film. Students will experiment with creative writing of their own, develop theories of cosmopolitan world citizenship, travel through the city of Boston on field trips, and team up to learn about different countries in Suffolk's global network of study abroad programs.

Type:

Honors

- **SF-H1152 The Idea of America: Past, Present, Future**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. The course will also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. Because this course intends to apply theoretical understanding to real life, students will be expected to read contemporary journalism on a regular basis and assess the controversies of today in the light of the nation's philosophical and historical currents.

Type:

Honors

- **SF-H1161 The Playwright and the Stage**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This writing and script analysis intensive course will explore plays across a range periods and styles. The scripts of five plays will be studied and we will attend performances of two of those works at professional theatres in Boston. Other activities will range from a backstage tour to conversations with theatre professionals such as producers, directors, actors, designers, playwrights and critics, in order to lift the script off the page and provide a living experience of theatre. Requires students to be available for evening (usually Wednesday) performances. A fee for tickets at student rates will be assessed.

Type:

Honors

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Arts Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AA degree program requires the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

First-Year Writing: 2 courses, 8 credits

- WRI-101 First Year Writing I

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- **WRI-102 First Year Writing II**

Prerequisites:

WRI-101 or ENG-099 with at least a B and ENG-P099 with a P or WRI-H103

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

A student may be assigned to other writing courses or may be invited to take WRI-H103. Students required to complete ENG-099 may be allowed to waive WRI-101 with a grade of “B” or better and the approval of the English department. Students who are invited to complete WRI-H103 and earn a “B” or better satisfy the two Writing Requirements. Waiving a course does not earn credits.

- **WRI-H103 Advanced First Year Writing**

Prerequisites:

By Invitation Only.

Credits:

4.00

Description:

This course is by invitation only and reserved for incoming Suffolk students with high admission scores. Advanced study and practice of writing process, revision, and research, based on close readings of a variety of texts. Fall semester only.

Type:

Honors

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Arts Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AA degree program requires the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Creativity & Innovation: 1 course, 3 credits

Choose one Creativity & Innovation course from those listed below:

- **ADF-S171 CI: Integrated Studio 1**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

Type:

Creativity and Innovation, Arts Admin Minor Elective

- **ADF-S172 CI: Integrated Studio II**

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

Type:

Creativity and Innovation

- **CI-000 CI Place Holder**

Credits:

0.00

Description:

Place holder for rooming purposes.

- **CI-101 Process and Epiphany**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Despite its mystical connotations, creative epiphany is the result of a long engagement with the creative process that results in a surprising and unpredictable understanding of a concept or the solution to a problem. In the way that the discoveries of science are guided by the scientific method, the path to creative innovation is through a directed creative process. All creative innovators follow such a directed creative process, whether they are industrial designers or fine artists, performers or inventors, architects or entrepreneurs. This course explores both historical examples of individuals whose creative innovation changed the world, as well as hands-on collaborative, practical problem solving employing the creative process.

Type:

Creativity and Innovation

- **CI-H101 Honors- Process and Epiphany**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Despite its mystical connotations, creative epiphany is the result of a long engagement with the creative process that results in a surprising and unpredictable understanding of a concept or the solution to a problem. In the way that the discoveries of science are guided by the scientific method, the path to creative innovation is through a directed creative process. All creative innovators follow such a directed creative process, whether they are industrial designers or fine artists, performers or inventors, architects or entrepreneurs. This course explores both historical examples of individuals whose creative innovation changed the world, as well as hands-on collaborative, practical problem solving employing the creative process.

Type:

Creativity and Innovation, Honors

• CI-102 The End of Global Poverty

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. More than one-third of our global population lives in poverty, earning less than two dollars a day. Governments, businesses, social enterprises, and charitable organizations have tried to solve the global poverty issue with mixed results. What is the solution? Is entrepreneurship the solution, part of the solution, or has no impact whatsoever? In this course, you will gain an understanding of the power of entrepreneurship (in the context of creativity and innovation), the definition and depth of global poverty (in the context of constraints, such as human, financial and physical resources embedded in local, regional, national and global cultures), and successes and failures of past initiatives to reduce poverty. This is not a course about politics or business, but rather finding a solution to a problem that has eluded mankind since the beginning of time.

Type:

Creativity and Innovation

- **CI-H102 The End of Global Poverty**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. More than one-third of our global population lives in poverty, earning less than two dollars a day. Governments, businesses, social enterprises, and charitable organizations have tried to solve the global poverty issue with mixed results. What is the solution? Is entrepreneurship the solution, part of the solution, or has no impact whatsoever? In this course, you will gain an understanding of the power of entrepreneurship (in the context of creativity and innovation), the definition and depth of global poverty (in the context of constraints, such as human, financial and physical resources embedded in local, regional, national and global cultures), and successes and failures of past initiatives to reduce poverty. This is not a course about politics or business, but rather finding a solution to a problem that has eluded mankind since the beginning of time.

Type:

Creativity and Innovation, Honors

- **CI-103 Making Inventions: Sticking Your Neck Out**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course examines cutting edge technologies, the science behind them, and their practical application and follow-up success or failure. It also provides the students a chance to consider the relevance of identified needed inventions from the 1950s, and whether those projections were correct. The history behind some remarkable inventions will be presented. Finally, working in small teams, students will brainstorm to identify something useful to invent and determine several approaches to implementing it.

Type:

Creativity and Innovation

• CI-104 Historic Mentors: Biographies of the Creative and Innovative

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course introduces students to creative and innovative practices as a disciplined approach to problem-solving. Students are presented with diverse individuals and environments, thoughts and actions, challenges and opportunities, approaches and alternatives, successes and failures, and ethical behavior--all within the context of historical biographies of inventors, entrepreneurs, artists, musicians, writers, politicians, leaders- nationally and globally. Mentoring is becoming a lost art form. However, it is crucial for passing down the best of our civilization. This course offers a vicarious mentoring that enables students to critically learn from and assess the experience of others in a vast array of contexts. Thus, students are presented with a cross-section of role models for creative, innovative and ethical success.

Type:

Creativity and Innovation

• CI-106 Failing Successfully

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. Did you know Netscape was the internet browser? What about MySpace, arguably the Facebook of the last decade? What led Apple from being innovative pioneers of the 70's to the verge of extinction in the 80's to the technological giant they are today? Technologies come and go, but what leads to organizations lasting more than 100 years such as IBM, General Electric, etc.? What role does failure play in successful innovation, decision-making, and business viability? In this course, you will learn about innovation that may have been successful and well-executed. You will also learn about innovation that was a viable business opportunity, but poorly executed: one phase of failure. In addition, you will learn about innovation that had no real market viability, but was launched anyway: another phase of failure. Can failure lead to success? If so, how?

Type:

Creativity and Innovation

• CI-H106 Failing Successfully

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. Did you know Netscape was the internet browser? What about MySpace, arguably the Facebook of the last decade? What led Apple from being innovative pioneers of the 70's to the verge of extinction in the 80's to the technological giant they are today? Technologies come and go, but what leads to organizations lasting more than 100 years such as IBM, General Electric, etc.? What role does failure

play in successful innovation, decision-making, and business viability? In this course, you will learn about innovation that may have been successful and well-executed. You will also learn about innovation that was a viable business opportunity, but poorly executed: one phase of failure. In addition, you will learn about innovation that had no real market viability, but was launched anyway: another phase of failure. Can failure lead to success? If so, how?

Type:

Creativity and Innovation, Honors

- **CI-107 Going Up: Skyscraper Design in Emerging Economies**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The human population is expected to be between 8.5 and 9 billion persons by the mid-21st century. The majority of those individuals will be living in urban communities. With large populations, high real estate costs, and limited land areas, the only way to construct in urban environments is to go up! In this course, students will have an opportunity to look at traditional and novel skyscraper designs, to consider the cultural and economic significance of such structures, and to use their imagination to develop a conceptual design of a skyscraper.

Type:

Creativity and Innovation

- **CI-108 Designing the Next Best Thing**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Demystifies the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking.

Term:

Offered Both Fall and Spring

Type:

Creativity and Innovation

- **CI-109 Virtual Globe Trekking: an Alternate View of the World**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will examine creativity and innovation through the lens of place. Modern geography is an all-encompassing discipline that seeks to understand the earth and all of its human and natural complexities - not merely where objects are, but how they have changed and come to be. The world is filled with ideas and perspectives. By changing your location, new perspectives emerge. This course will focus on the creative process to understand that each person creates in their own way. The students will test many methods to draw forth creative thought and seek to identify their own best method for calling on their own inner genius. Often this will involve failure and mixed results, yet this is where the students will learn their strengths and weaknesses.

Type:

Creativity and Innovation

- **CI-110 The Entrepreneur's Cocktail**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

How do you and your story drive business? This course takes an innovative look at human creativity and entrepreneurship. As an entrepreneur needs perseverance and high motivation, we will explore the importance of values, risk taking, problem solving, and the discovery of the market opportunities. In order for you to be creative and essentially create successful ventures, you will discover the nuances between the three factors and explore them further through interactive discussion and debate as well as collaborative group work. You will be encouraged to think in non-conforming ways and apply new concepts and develop your own personal operating principles.

Type:

Creativity and Innovation

• CI-111 The Future of Boston

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course introduces students to creative and innovative thinking based in the field of communication. Students will work in teams to wrestle with the challenges Boston will face in the future and propose feasible strategies to meet them.

Type:

Creativity and Innovation

• CI-112 Creating Problems: a New Solution for Sustainability

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

As the majority of the world population now lives in cities, for the first time in human history, issues of urban sustainability have become more complex and more important than ever before. Presented with case studies of urban efforts to gain a sustainability foothold, students will utilize ideation, critical thinking, and strategic decision making to both identify root problems and to present solutions. This course will lean heavily on ideation processes, teamwork, and logical methods of analysis to pursue actionable solutions for significant problems. The methods of problem identification and solution analysis learned in this class will be readily adaptable to many complex problems, helping the students to make informed and decisive determinations in their careers.

Type:

Creativity and Innovation

• CI-113 Revising Reality

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Reality and perception have been debated and discussed for millennia. Humans see and experience their world in different ways. How do humans determine what is true and good and what advancements are necessary? In this course, students will creatively explore these big questions and revisit knowledge using new and sometimes divergent perspectives. Students will participate in dirty and courageous learning by crafting products,

creating visual projects, and coming into original thought via trial and error. Students will also develop their analytical and critical thinking skills, while learning to communicate effectively and honestly.

Type:

Creativity and Innovation

- **CI-114 Creating the Dream Team**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Every successful venture today is based on effective teamwork. Unlike a typical lecture format, Creating the Dream Team is a course that utilizes experiential group learning to provide students with pivotal team-building skills. These essential skills are vital for everyone's future success in the business world. As team players, students are challenged to think creatively. A collaborative problem-solving process is used to analyze real life business situations. Teamwork involves research, data collection and information analysis to develop creative solutions to typical business problems. Teams will utilize multi-media tools to present their innovative ideas. Classmates will provide peer feedback and review. Through iterations, all students will assume roles as project leaders, keynote speakers and collaborators on a series of Team Challenges. Upon successful completion of this course, all students will have formed working dream teams. As reinforcement and final evaluation, Dream Teams are required to create a multi-media Capstone Event as a course performance measure. This capstone presentation will showcase all of their newly acquired dream team-player skills.

Type:

Creativity and Innovation

- **CI-115 Poetry Out Loud**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Students will develop a deep understanding of two seminal books of 20th century poetry and other key 20th century poems as they plan and execute small-group, end of semester reading performances. Students will write creative response poems to increase their understanding of the texts, and through cooperative decision making strategize effective ways to present their own poems and poems by Bishop or Frost. The class format will foster direct spoken engagement with matters of sound, rhythm, tone, and meaning. Final reading aloud performances will be recorded and added to the Suffolk University Poetry Center Archive.

Type:

Creativity and Innovation

• CI-117 Writing for Stage and Screen

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will engage students in the process of script writing. Working in groups of four or five they will craft adaptations of stories, create original scenes, or review sketches. By the end of the semester they will produce a complete script. Each alternating week, one group will serve as the executive committee that will approve the final draft of the script of the week. There will be exams based on the textual study of collaborative and adaptation techniques.

Type:

Creativity and Innovation

• CI-119 Theatre at Work

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Theatre at Work is an introduction to creative practice using live performance as a problem solving tool in an educational environment. Specifically, students will create a performance piece in response to an issue they have uncovered in collaboration with select groups of students in a host Boston Public School. There will be a special focus on normalizing risk-taking and the learning that comes from false starts and failed ideas. Students will be responsible for creating every aspect of their performance testing its feasibility on a limited budget, ensuring that the content meets established criteria, and successfully implementing and evaluating their success both with their peers and their audience.

Type:

Creativity and Innovation, Local Engagement Experience

• CI-H119 Theatre at Work

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

Theatre at Work is an introduction to creative practice using live performance as a problem solving tool in an educational environment. Specifically, students will create a performance piece in response to an issue they have uncovered in collaboration with select groups of students in a host Boston Public School. There will be a special focus on normalizing risk-taking and the learning that comes from false starts and failed ideas. Students will be responsible for creating every aspect of their performance testing its feasibility on a limited budget, ensuring that the content meets established criteria, and successfully implementing and evaluating their success both with their peers and their audience.

Type:

- **CI-121 Catastrophe Management: From 9/11 to the Boston Marathon Bombings**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will introduce students to the exciting world of emergency management from the perspective of scientists who are often utilized as experts during both small scale adverse events and large scale catastrophes. Students will actively and creatively explore the psychological, economic, and medical dimensions of these events and participate in role play in the classroom and site visits. By the end of the course, students will have a keen appreciation of emergency planning and management on the local and national levels.

Type:

Creativity and Innovation

- **CI-123 Comics & Co.**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Using visual narrative as the means of exploration, students will be led through a series of exercises that challenge their assumptions, broaden their perspectives, and excite their imagination. The relationship between critical, creative and inventive thinking will be the basis for individual and collaborative projects.

Type:

Creativity and Innovation

- **CI-125 Boston's Creative History in Perspective**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Our collective social consciousness is formed by physical space; through a mixture of exploration, discovery, and making, students will delve into the city that surrounds them, developing a sense of ownership and engagement in Boston's public space. During the course of the semester, students will uncover the ways that art and architecture have shaped the souls of cities around the world, using Boston as a template. In a series of local field trips, students will explore Boston through its art and architecture, focusing not only what is, but on what might have been -- designs that were ultimately unrealized. Through interview and visits with local artists and designers, students will also learn about the process of shaping public space, uncovering the myriad of ways that design decisions are political in nature. As a capstone to the course, students will create their own city plan -- identifying and researching a chosen social or physical challenge the city faces, then developing a proposal that would address their chosen issue. These design proposals will then be enacted using augmented reality. Like a layer of invisible ink, these projects will form a phantom city over the physical realities that surround us, displaying the dramatic potential of the imagination.

Type:

Creativity and Innovation

- **CI-127 Visual Perspectives: Coastline, Symmetries and Illusions**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

How do you measure the length of a coastline? How much symmetry is possible? What is an impossible object? How did the Mayans measure proportions? In this course, students will delve into these and other questions with a visual theme. While some will be clear-cut, others will be open-ended and require some choices, estimates or assumptions to be made. Throughout, the emphasis will be on creative problem solving.

Type:

Creativity and Innovation

• CI-129 Elements of Attraction- Supply and Demand

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The intent of this course is for students to examine and effectively express in writing their ideas on creativity and to inspire undergraduate students to exceed their current levels of learning. Students will learn to meaningfully integrate course content into long term-retained useful skills through applied creative collaborations. This course is based on the idea that exposure and insight development will enable students to better visualize themselves in their desired fields and make informed choices within the variety of options available to them. The focus of the course will help students to assess their personal interests and strengths as they plan for their own educational and professional futures.

Type:

Creativity and Innovation

• CI-131 Off to the Future: Leadership Through Compromise

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Some past political issues were resolved with great success (the Compromise of 1820), and some resulted in great failures (the US Civil War). In this course, students will study noteworthy political dilemmas of the past, identify the major problem solvers and examine the art of compromise. These investigations will provide guidance and inspiration for students to develop innovative and creative solutions to present day political problems such as climate change, immigration, Social Security, income distribution, higher education affordability, and homelessness. Students will work in teams and propose creative and innovative solutions that will convince the affected interest groups favorably, represented by teams of other students in the class, and result in compromises solving tomorrow's problems today.

Type:

Creativity and Innovation

- **CI-H133 Franklin and the American Experiment**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

What made Benjamin Franklin such a creative force in American history? We will explore the many facets of Franklin's life (printer, writer, scientist, statesman) and learn about Benjamin Franklin's political and diplomatic ventures, and will recreate some of his scientific experiments.

Type:

Creativity and Innovation, Honors

- **CI-135 The Design of Everything**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will explore a selection of the genius personalities and their creative work in 5 distinct areas of human creative endeavor; art, science, nature, technology and the built environment. The course explores the underlying similarities in the process of their discovery, invention and creativity across the disciplines. Studying such names as Newton, Warhol, Hawking, Jobs, Gaudi and Banksy, students will uncover the process of design through research, analysis, synthesis, iteration and error. In class group projects will allow a hands-on opportunity to create.

Type:

Creativity and Innovation

• CI-137 Re-write for Rights: Drafting a New US Constitution

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The American Constitution is an important document, framing the basis for our lives and the lives of our neighbors. Yet it is also a very old document, which may be seen as lacking when it is compared to newer constitutions from around the world, even places that we may regard as undeveloped. In this class we will study many constitutions and also talk to many people to craft a new constitution that reflects contemporary American society and its values.

Type:

Creativity and Innovation

• CI-H139 Creating, Promoting, and Participating in the Literary Arts

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. CAS and SBS honors students or GPA of 3.5 or above only.

Credits:

3.00

Description:

With the launch of Boston's new Literary Cultural District, we have renewed cause to celebrate the history and industry of literature in our city. This course will immerse students in the world of literary culture and its many branches: writing, editing, reviewing, and publicity. Students will practice the art of creative writing, and learn how writers find publishing venues, how authors build platforms for their work, and how literature reaches the public through readings, social media, book trailers and other marketing campaigns, authors interviews, and reader reviews. Various industry professionals, authors, editors and publicists will speak to the class about the artistic and business opportunities, trends, and futures of literature and literary publishing. Students will apply their knowledge and interests to a variety of projects, including book reviews, author interviews, social media campaigns, literary events, and other collaborative projects. We will also work as a class to launch a new digital literary journal at Suffolk.

Type:

Creativity and Innovation, Honors

• CI-141 Science = Creativity

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is focusing on the creative process by introducing students to creative practice as a disciplined approach to problem solving and innovation requiring research, persistence and grit. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in

original ways, embrace ambiguity and support divergent thinking and risk taking. The course will have an undertone based on science, but it is suitable for non-science majors too!

Type:

Creativity and Innovation

- **CI-143 Dreams, Demons, and Dynamic Artists Creative Nature**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

What motivates your creative nature? This course will explore converging themes in Art and Psychology in order to give students the tools they need to unblock their creative potential. Collaborative small team activities, assigned readings, large group discussions, and personal reflection exercises will provide an avenue for students to explore their own creative patterns and how they are influenced by, and perceived within, the world around them. Dreams, mental illness and psychosocial theories of self will also be widely discussed in order to give students context for this inter/intrapersonal exploration.

Type:

Creativity and Innovation

- **CI-145 Living and Laughing**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This is a course about laughing and living. While it sounds fun, it can also be complex, confusing, complicated, and convoluted. Laughter and humor are also very personal. The things that make you laugh are rooted in family, culture, and personality. We are going to spend the semester getting to know ourselves and each other in an attempt to understand more about why we enjoy what we enjoy.

Type:

Creativity and Innovation

• CI-147 Seeing Double, Printmaking, the Art of Discovery, Experimentation and Process

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Always wanted to explore a creative side but never had the opportunity to take an art class? Here's your chance! Sync the power of icons/ images with ideas and making. We will use cellphone and printmaking technologies in a workshop style environment. Rather than a lecture based class, this class we will play, learn and build new Neurological pathways towards creative thinking. Come to every class excited to learn, make and discover. This course will give you the building blocks for innovative thinking beyond the classroom. Power is in the image. As in the way a dream can grip you, images carry incredible amount of influence and creative potential, when they are seen. Glimpses of these images circulate in media, movies, cell phones, and so on. Learn to develop your own images and understand the broad world of images of human culture.

Type:

Creativity and Innovation

• CI-149 SL-Creative Writing and Literacy

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

In this course, students meet community needs by engaging in service-learning outside the classroom. This course will explore the value of creativity and play in developing reading and writing skills and the habits of lifelong learning, both in our own lives and in the lives of young people in Boston. In this course, we will work closely with the non-profit literacy organization 826 Boston, which works with students ages 6-18 on reading and writing skills through playful, creative workshops, as well as tutoring and other kinds of support. Students will learn about the work of 826 Boston by volunteering with the organization, and by the end of the semester you will conceive, plan, and run creative writing workshops of your own at 826 Boston.

Type:

Creativity and Innovation,Service Learning

• CI-H149 SL-Creative Writing and Literacy

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. This course will explore the value of creativity and play in developing reading and writing skills and the habits of lifelong learning, both in our own lives and in the lives of young people in Boston. In this course, we will work closely with the non-profit literacy organization 826 Boston, which works with students ages 6-18 on reading and writing skills through playful, creative workshops, as well as tutoring and other kinds of support. Students will learn about the work of 826 Boston by volunteering with the organization, and by the end of the semester you will conceive, plan, and run creative writing workshops of your own at 826 Boston.

Type:

Creativity and Innovation,Honors,Service Learning

• CI-151 Finding Your Creative Voice

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Schools and workplaces are becoming increasingly demanding and competitive, relying on unique ideas to continue innovation. Where do fresh ideas come from? This class will provide students with the tools they need to find creativity within themselves, and set them apart in the competitive arena. Students will explore who they really are at their core, identify their innermost thoughts and feelings, and uncover their creative identity while having fun! They will also learn to communicate, or share their creative voice clearly and honestly.

Type:

Creativity and Innovation

• CI-153 Branding and Visual Identity

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

A brand may be a product, service, an organization, or a person, and at the core of every brand is a visual identity. A brand's visual identity is its strategically planned and purposeful presentation of itself. It is manifest in the brand's name, logo, tagline (slogan), color palette and other sensory elements (visual, aural, olfactory and tactile) that identify that brand and make it unique. This course will focus on analyzing the success and failure of brand's visual identities as a way of teaching students how to brainstorm and develop a new visual identity from concept through execution. The focus in this course will be on applying creative thinking to create a cohesive and meaningful visual identity.

Type:

Creativity and Innovation

- **CI-155 Improvising for Everyone, Everywhere**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Improv Comedy has become the cornerstone training of movies and television for the past 20 years. More recently, Corporate America has begun to recognize the importance of the skills improv teaches - agreement, listening, moving forward as a group and out-of-the-box thinking. This course immerses students in improv theatre exercises to apply not for performance, but to shed light on how to collaborate with others. Students will be required to actively participate in exercises in class, experiencing the benefits and takeaways first-hand. Students will be able to connect these exercises with the theories of creativity presented in text books and use both to create a final presentation piece. By the end of the semester, students will understand how to recognize and foster creative thinking to solve problems leveraging the power of a group. Students will gain confidence with presenting new ideas and responding to other student's ideas, understanding how to create and maintain relationships as part of an ensemble that encourages and values ideas.

Type:

Creativity and Innovation

- **CI-157 Mindful Journal**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

To keep a journal is to make an investment, often long before we understand the value. A journal is a personal database of snapshots in time, good ideas and bad, observational doodles and unfiltered emotions. On any given page a journal may appear inconsequential but within the rigor of filling a whole notebook (and another, and another) an individual viewpoint emerges. This class will facilitate a student's ability to draw from his or her own lived experience and discover unique springboards into universal issues by making mindful connections. An entire lifetime of images, stories and details resides within each of our minds but the ability to explore that richness requires dedication to documentation. Mindful Journal is a process class fostering focus through mindfulness practices, content generation and meaning making.

Type:

Creativity and Innovation

• CI-159 Building a Better T

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

If any set of problems could use creative and innovative thinking, it's the myriad of problems facing the T. The Boston Globe is filled with stories about financial and organizational problems in the system, and you only have to spend a few minutes on the green line to feel the effects of those issues. Still, millions depend on it every day - it is the circulatory system of our city, and it is more than a way to get around: the T increases accessibility and functions as a democratizing force. That is, when it's running. In this class we will study the MBTA and other mass transit systems in order to propose creative solutions to the T's most pressing problems. We will read articles about the T and other transit systems, we will look at interactive maps that express different kinds of data, and we will visit local stations. In addition, we will study the process of creative thinking, in order to apply those skills to the issues at hand. You will be asked to create both stand-alone short writing assignments and visual representations of your ideas, accompanied by short, written explanations, both alone and in group projects.

Type:

Creativity and Innovation

• CI-161 Making History: Public Memory in the Digital Age

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

You live in Boston now. At least for a while. Perhaps you've noticed that it has its own ways of remembering things. Consider The Boston Literary District, The Freedom Trail, and all the many events and festivals devoted to history, culture, and identity. From guided tours and colonial cosplay to images and written texts to monuments, memorials, and museums, this city tells stories about itself today in the ways it tells stories about its past. In this class, you're going to tell more stories about Boston. You're going to help it find other things to remember, and other ways of remembering them. You'll likely need to focus on parts of the real events that Boston doesn't prefer to include in its stories, emphasizing issues of race, socioeconomic class, nationality, colonialism, gender, sexuality, and other stories of unequal power and how that manifests in real people's lives and in the culture of this city.

Type:

Creativity and Innovation

• CI-H161 Making History: Public Memory in the Digital Age

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

You live in Boston now. At least for a while. Perhaps you've noticed that it has its own ways of remembering things. Consider The Boston Literary District, The Freedom Trail, and all the many events and festivals devoted to history, culture, and identity. From guided tours and colonial cosplay to images and written texts to monuments, memorials, and museums, this city tells stories about itself today in the ways it tells stories about its past. In this class, you're going to tell more stories about Boston. You're going to help it find other things to remember, and other ways of remembering them. You'll likely need to focus on parts of the real events that Boston doesn't prefer to include in its stories, emphasizing issues of race, socioeconomic class, nationality, colonialism, gender, sexuality, and other stories of unequal power and how that manifests in real people's lives and in the culture of this city.

Type:

Creativity and Innovation, Honors

- **CI-163 A Course on Skepticism and Rationality**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Magician James The Amazing Randi reminds us that No matter how smart or how well educated you are, you can be deceived. In an age fraught with deception and misinformation, students need tactics and strategies in order to separate truth from falsity. This course encourages its participants to act as skeptics - not cynics, necessarily - by requiring evidence and proof before believing or accepting claims. Students are urged to identify the most-likely-to occur opportunities for deception in their major fields and draw from the tenets of classical rhetoric, logic, and the scientific method in order to develop safeguards. Frequent collaboration with classmates will allow for dynamic solutions to small and large-scale contemporary problems ranging from the personal (e.g. used car prices and avoiding fraud) to the universal(e.g. fake news and God).

Type:

Creativity and Innovation

- **CI-165 Becoming a Zig-Zag Master**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

We will be discovering the process of becoming more creative. The emphasis is on understanding the creative process and applying effective team-working strategies towards a shared goal. Each team will choose a project and develop it during the semester with the goal of improving a product, raising awareness about an issue in a creative way, designing a board game, designing a card game, etc. Inspiration will be drawn from the numerous successful innovators in the Boston area.

Type:

Creativity and Innovation

- **CI-167 Public Health: A Need to Think Outside The Box**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course seeks to make you an innovative public health thinker by examining past campaigns and making the necessary frameshifts to help promote, protect and preserve health of the Suffolk community through the innovative thinking process. Public health activists and designers can have a positive impact on the lives of citizens living in small communities. However, the agreed rules and regulations that make up this policy landscape are created by paradigms which can be constricting. The issues the course addresses will include Suffolk's current plans for reducing carbon emission, behavioral determinants such as alcohol consumption among college students, and improving eating habits on campus. The final project will be peer reviewed and presented to the class. Programs may then be forwarded to university departments for possible integration and implementation.

Type:

Creativity and Innovation

- **CI-204 Prague: Castles to Barbwire**

Prerequisites:

At least 24 credits earned.

Credits:

3.00

Description:

Prague offers students a more recent view into history and will serve as a backdrop to learning Design Thinking. The curriculum will use Czech and Central European cultural features as the inspiration for learning the creative process, skills that can be applied broadly and globally across disciplines. WWII and its fall to Communism left the Czech Republic undamaged. Artists played a vital part in the country's rise to a Republic during the Velvet Revolution. These dissidents, including writers, actors, artists and musicians were innovators who were the catalyst for change. One could say that creative minds changed this country. This course is designed to demystify the creative process by introducing the creative practice as a disciplined approach to problem solving and innovation requiring research. This one-month study abroad experience will offer a more worldly insight to the significance of developing skills where divergent thinking and risk taking are one of many key tools in learning to generate new ideas. Travel fee covers accommodations, transfers, some meals and cultural visits. Airfare and tuition not included.

Type:

Creativity and Innovation, Global Engagement Experience

Note: Students with 30+ transfer credits are exempt from this requirement.

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Arts Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AA degree program requires the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Math: 1 course, 4 credits

Choose one Math course from those listed below:

- **MATH-128 Math for the Modern World**

Prerequisites:

MATH level 2, or Mathshop, or MATH-104

Credits:

4.00

Description:

From the ISBN on a book, to buying a car, from the size of small chips in a cell phone, to the size of the national debt, or just reading a graph in the daily newspaper, mathematics plays an important and vital role in countless areas of life and your future career and courses included. Mathematics is both an art and a tool created by humans. The common bond is a way of thinking and a way of reasoning to describe and solve problems of many types. This course uses the context of modern real life problems to introduce math needed for literacy and problem solving in contemporary life and work. It uses a minimal amount of algebra and focuses on math models, concepts and basic math manipulations. It encourages students to move from anxiety about math, to using formulas well, to thinking critically in the math context to use math to solve problems and pose new problems. Topics include scientific notation, basic financial math, linear, exponential and polynomial models and an introduction to probability. (Formerly Math 132)

- **MATH-130 Topics in Finite Mathematics**

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-132 Math-Art, Tool and Human Side**

Prerequisites:

MATH-000 or appropriate Math Placement Exam score. Course does not fulfill math requirement for SBS majors.

Credits:

4.00

Description:

Mathematics is both an art and a tool. It has been used in many ways in contemporary and ancient society. The common bond is a way of thinking and a way of using reason to solve problems and describe things of all sorts. The course is designed to cultivate an appreciation of the significance of mathematics in daily life and develop students' mathematical reasoning. Topics will vary from section to section. Examples of topics that might be included are: the real meaning of a newspaper graph, methods to tally votes, fair division, routes and networks, consumer mathematics, the 'real' cost of a house, shapes and patterns, fractals, soap film surfaces, prime numbers and encryption, new discoveries in mathematics.

- **MATH-134 Calculus for Management & Social Sciences**

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-164 Calculus 1 Bridge With Trigonometry**

Prerequisites:

Permission of Instructor

Credits:

4.00

Description:

This course provides an alternative to MATH 165 (Calculus I) for those students who have taken MATH 134 (Calculus for Management and Social Sciences) but who do not have the trigonometric precalculus prerequisite (such as MATH 121) for MATH 165. In other words, the sequence MATH 134 / MATH 164 serves as an alternative to the sequence MATH 121 / MATH 165, and similarly prepares students to take MATH 166 (Calculus II). The course includes a thorough review of trigonometry and other precalculus topics. Aspects of limits and differentiation which students have already seen in MATH 134 are presented briefly, but in most cases with more emphasis on conceptual understanding, and often illustrated using more complicated examples. New calculus topics (i.e. not covered in MATH 134) include one-sided limits, special trigonometric limits, differentiability, derivatives of trigonometric functions and their inverses, derivatives of general inverse functions, logarithmic and implicit differentiation, related rates, L'Hopital's rule, intermediate values theorem, Rolle's theorem, mean values theorem, Newton's method, and linearization. 4 lecture hours plus 1 recitation session each week. Normally offered in spring.

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Arts Degree

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- [First-Year Writing](#)
- [Creativity & Innovation](#)
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- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Social, Cultural, & Global Perspectives: 1 course, 3-4 credits

Choose one SCGP course from those listed below:

- **ADPR-217 Gay and Lesbian Studies**

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social, and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions, and social movements.

Term:

Alternates Fall & Spring

- **ADPR-219 Rhetoric of Protest and Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **ARH-205 Gender, Class and Alterity in Ancient And Medieval Art**

Credits:

4.00

Description:

Explores issues of sexuality, gender, race, and social class in the ancient and medieval worlds. Examines key artworks from ancient Greece, the Roman Empire and medieval Europe within historical, social and cultural contexts.

- **ARH-321 Women, Art & Society**

Credits:

4.00

Description:

Surveys women artists from the sixteenth century to the present and examines new direction in art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

- **AS-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Both Fall and Spring

Type:

Asian Studies, Social & Intellectual HST

- **AS-500 Asian Studies Internship**

Credits:

4.00

Description:

Engages in an internship in a business or non-profit organization that deals with Asia or an Asian American community. Students may complete the internship either in Asia or in the U.S. Students will complete appropriate exercises and reports to document their learning. (1 course, 4-12 credits; can be taken multiple times in different semesters)

Term:

Offered Both Fall and Spring

Type:

Global Engagement Experience

- **BLE-325 Global Business Ethics**

Prerequisites:

BLE-215, PHIL-119, PHIL-120, PHIL-123 or PHIL-127

Credits:

3.00

Description:

Surveys business ethics as they transcend the diverse perspectives of global business. Explores current global ethics standards and values, ethical challenges, controversies, convergence and trends. Students explore famous global business cases through films, websites and independent research. Emphasizes identification and resolution of global business ethical issues within the context of ethical decision-making and sustainability. Analyzes corporate social responsibility ; hence, transforming global business ethics through business.

Type:

Global Engagement Experience

- **BLKST-250 Haiti, Guadalupe and Martinique**

Credits:

4.00

Description:

This course explores the rich intellectual tradition of Haiti, Guadeloupe, and Martinique by considering historical moments linked to colonialism, the abolition of slavery, the representation of gender, departmentalization, and decolonization through essays, films, poems, novels, and short stories by critics and writers from the 19th-21st centuries.

- **CI-204 Prague: Castles to Barbwire**

Prerequisites:

At least 24 credits earned.

Credits:

3.00

Description:

Prague offers students a more recent view into history and will serve as a backdrop to learning Design Thinking. The curriculum will use Czech and Central European cultural features as the inspiration for learning the creative process, skills that can be applied broadly and globally across disciplines. WWII and its fall to Communism left the Czech Republic undamaged. Artists played a vital part in the country's rise to a Republic during the Velvet Revolution. These dissidents, including writers, actors, artists and musicians were innovators who were the catalyst for change. One could say that creative minds changed this country. This course is designed to demystify the creative process by introducing the creative practice as a disciplined approach to problem solving and innovation requiring research. This one-month study abroad experience will offer a more worldly insight to the significance of developing skills where divergent thinking and risk taking are one of many key tools in learning to generate new ideas. Travel fee covers accommodations, transfers, some meals and cultural visits. Airfare and tuition not included.

Type:

Creativity and Innovation, Global Engagement Experience

- **CJN-216 Intercultural Communication**

Credits:

4.00

Description:

An examination of communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures.

Term:

Offered Both Fall and Spring

- **CJN-225 World Cinema**

Credits:

4.00

Description:

An introductory course in film studies with a focus on foreign films. Movies studied include masterpieces of cinema from Europe, Asia, the Middle East, and other nations (Films have subtitles).

Term:

Alternates Fall & Spring

- **CJN-281 Asian Popular Culture**

Credits:

4.00

Description:

Students critically analyze Asian popular culture since the 1980s using a cultural ethnographic approach. Students apply the lenses of gender, identity, globalization, and business strategies to examine pop phenomena such as Korean Wave, Cool Japan, and Cantonese popular music.

Term:

Occasional

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

By examining the film texts of Hong Kong auteurs such as John Woo, Wong Kar-wai, Tsui Hark, Andrew Lau, and Alan Mak, the course examines issues such as film genres, colonization/decolonization, transnational political economy, the Greater Chinese media market, and the diaspora.

Term:

Occasional

- **CJN-301 Documentary Film and the Image of Conflict in the Middle East**

Credits:

4.00

Description:

The course focus is on some of the divisions and conflicts within Israeli society. Students analyze and compare mainstream media discourse to alternative representations in documentary film. Analysis also covers media representation of the Israeli-Palestinian conflict.

Term:

Occasional

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

A critique of the circulation of media goods and ideologies from both a cultural and political/economic perspective. Topics include global Hollywood, the images of Muslim women in transnational media, the information society, and global social movements.

Term:

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Asian Studies

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **ENG-124 Great Books of the World II**

Credits:

4.00

Description:

This course will introduce students to a selection of Great Books from around the world from the 17th century to the 21st, such as Don Quixote (Spain), Madame Bovary (France), The Communist Manifesto (Germany), The Origin of Species (England), War and Peace (Russia), On Dreams (Austria), Night (Hungary), Things Fall Apart (Nigeria), Satyagraha (India), I Am Prepared to Die (South Africa), Saeed the Pessoptomist (Israel), The Rouge of the North (China), and The House of Spirits (Chile). Readings may vary at the discretion of the instructor.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **ENG-135 World Literature in English**

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

- **ENG-362 Asian American Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

Asian Studies

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continues to review grammar, practice speaking, and explore authentic cultural and literary texts in this writing-intensive course. Examines short readings, films, and print media.

Term:

Offered Spring Term

Type:

Modern Language

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

Explores the francophone world through the study of short stories, print media, and film, by engaging with the rich textured and diverse francophone literary canon. Teaches advance notions of French grammar, write compositions, and the art of conversation related to cultural themes.

Term:

Alternates Fall & Spring

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

Masterpieces of French and Francophone Literature in English Translation. Studies works translated into English by major authors from the Middle Ages to the present. Explores drama, fiction, and poetry from many regions of the world: Africa, Western Europe, North America, the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Studies in Literature

- **GVT-208 Politics / Religion**

Credits:

4.00

Description:

This course explores what major religions say about the status and responsibilities of the state and how, in turn, selective states have, in theory and practice, structured the place of religions in political life. Particular attention is given to issues of politics and religion in the United States. Cultural Diversity A

- **GVT-115 Evolution of the Global System**

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

Type:

Human Behavior & Societies

- **GVT-281 Intro to Comparative Politics**

Prerequisites:

GVT 110, GVT 115, and GVT 120 or consent of instructor; Sophomore status or higher

Credits:

4.00

Description:

This course examines various methods of comparing political systems. Institutions such as executive departments, legislatures, court systems and local governmental systems are examined comparatively. It includes analysis of the impact of different economic systems on political/governmental institutions, and on economic circumstances that impact government. It also looks at political socialization both in terms of process and comparative content. An effort is made to include countries from all regions of the world. Normally offered every year.

- **GVT-359 Hockey, International Development & Politics**

Credits:

4.00

Description:

This class examines the way in which national identity, global and regional economics and international development intersect. It uses the professionalization of the sport of hockey and its subsequent spread around the globe as its case. It will look at the rise of the pro game, the way in which it shapes national identity in the Canadian case, the way in which the pro business model has changed in response to broad socio-economic changes in North America and geo-political shifts around the globe, especially in Eastern Europe and the Former Soviet Union.

• GVT-360 Elections and Voting

Credits:

4.00

Description:

How are elections administered in the United States? Do Americans have confidence in the electoral process? Should they? Why or why not? This course will examine elections in the United States in detail -- from how they are funded to how they are administered to how voters behave. Students will have a choice of either serving as poll workers during the November election or organizing and conducting research of potential voters. Students will gain hands-on experience in actual research design, election administration, and non-partisan get-out-the-vote activities. In addition, students will gain a deeper understanding of the relationship between attitudes, opinion, and voting behavior in American politics and institutions. ECR

• GVT-391 Canada: Multicultural Politics

Prerequisites:

GVT 110/120 or Instructor's permission

Credits:

4.00

Description:

This course examines the Canadian model of incorporating diverse communities into its constitutional and political framework, including the founding British North American Act of 1867, the 1982 Constitution Act, and two later attempts at constitutional reform. Canada's role in balancing two official languages, English and French, is discussed, as is its recognition of a First Nations native-governed territory in the Arctic. This course introduces students to the Canadian polity and compares its parliamentary system with the U.S. separation of powers system. Prerequisites: GVT 110, GVT 120 or instructor's consent. Normally offered alternate years. Cultural Diversity B

- **GVT-467 Comparative Social Movements**

Prerequisites:

Junior status

Credits:

4.00

Description:

How do we explain the appearance or absence of social movements? What social or individual factors explain their development and decline? Who joins social movements? Who does not? Why? What ideas or ideals animate those who do participate? What is it like to be part of a social movement? What effect do they or have they had on politics, power and efforts at social change? These are some of the questions that have traditionally shaped debates over social movements, both domestically and internationally. They will form the analytical core of the work in this course. By critically evaluating several competing schools of thought in social movement theory and history we will attempt to highlight the social forces that have, at varying points in times, facilitated, maintained, as well as blocked the development of social movements in the US and beyond.

- **HST-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, the Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Fall Term

- **HST-246 History of Modern Iran**

Credits:

4.00

Description:

Examines the contemporary history of Persia (Iran) from the time of its independence in the beginning of the sixteenth century to the present with special concentration on geographical/historical background; social structure, ethnic, religious, and linguistic diversities; Safavid and Qajar dynasties; Anglo-Russian interventions and occupations; constitutional revolution and reform; centralization, secularization and modernization under Pahlavi dynasty; opposition to westernization and Islamic revolution.

- **HST-247 History of Modern Middle East**

Credits:

4.00

Description:

Explores the broad historical forces, conflicts and major events that have shaped the contemporary nations of the modern Middle East. Topic include: the emergence of the modern Middle East from the empires of the sixteenth and seventeenth centuries; the age of colonialism; the rise of nationalism; socialism, capitalism; the impact of Israeli and Palestinian conflict on the region; oil, the Islamic Revolution in Iran and the rise of Islamic fundamentalist movements; U.S. policy; and Saddam Hussein's Iraq.

Term:

Offered Fall Term

- **HST-251 Modern East Asia**

Credits:

4.00

Description:

China, Japan, and Korea - East Asia's critical players - share many historical influences, but each has a distinct culture, and they competed with each other for much of the twentieth century, proud of their achievements but feeling threatened by their neighbors. Lectures interspersed with movies and documentaries to show how East Asia has developed in the past one-hundred-plus years.

Type:

- **HST-263 Comparative Race Relations**

Credits:

4.00

Description:

Compares and analyzes the history of race and politics in South Africa and the United States from the 17th century to the present. Examines how race as a social and ideological construct influenced and informed political conflicts over land, labor, and social relations in the two countries including slavery, segregation, apartheid, and the struggle to create racial democracies.

Term:

Offered Fall Term

- **HST-268 History of the Mediterranean**

Credits:

4.00

Description:

Explores the history of the Mediterranean from the ancient times to the 20th century, with emphasis on the extraordinary interaction between the rich cultural, ethnic and religious backgrounds of the peoples of Europe, Middle East, and North Africa.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-274 Women in 19TH-CENTURY Europe**

Credits:

4.00

Description:

Explores the condition of European women from 1800 to 1914. Readings focus primarily on women's experiences in France and Great Britain. Topics include: the effects of industrialization on the lives of working-class women; working and middle-class women's negotiation of marriage, work, and family life; the rise of feminism, women's greater participation in the public sphere, and conservative reaction to these changes in women's place in society; women and crime; Victorian ideas about female sexuality; the politics of class and gender in nineteenth-century European society.

Term:

Occasional

- **HST-275 Women in 20TH-CENTURY Europe**

Credits:

4.00

Description:

Examines the changing place of women in European society since 1900. Topics include: women's suffrage and the political advances of the 1920s and 1930s; the revolution in sexual mores, birth control, and the rise of companionate marriage; women and the consumer economy; the anti-woman policies of Fascist Italy and Germany under National Socialism; liberation of women and retrenchment in the Soviet Union; World War II; feminism, sexual liberation, and women's political engagement since the 1960s; and, throughout the twentieth century, women's continuing negotiation of work and family responsibilities.

Term:

Occasional

- **HST-321 History of Islam**

Credits:

4.00

Description:

Presents a coherent account of the origin and history of Islam since its foundation in Arabia in the seventh century A.D. to the present. Analyzes the terms, events, characteristics, developments, movements, and institutions that have been part of the shaping of Islam. Ideological challenges and impact of Islam in the world today from both spiritual and political perspectives are examined.

Term:

Occasional

- **HST-371 U.S. Women's History Colonial to 1865**

Credits:

4.00

Description:

Traces the roles, images and experiences of women in America from colonial times to 1865. Topics include the family, work, religion, education, health care, motherhood, sexuality, social and political activism legal status, labor activism and popular culture. With attention to ethnicity, race, class, age, region of residence, disability and sexual orientation, the course focuses primarily on the everyday lives of ordinary women.

Term:

Offered Fall Term

- **HST-372 U.S. Women's History: 1865-present**

Credits:

4.00

Description:

Examines the social and cultural history of women in the United States from the close of the Civil War to the present. Using not only gender but also race, ethnicity, class, age, disability, region of residence, and sexual orientation as important categories of analysis, this course focuses on women's private and public lives. Topics include the family, work, religion, education, health care, private lives, motherhood, sexuality, social and political activism, legal status, labor activism, and popular culture.

Term:

Offered Spring Term

- **HST-484 History of the Emotions**

Credits:

4.00

Description:

Explores ideas about emotional life from the fields of history, anthropology, sociology, and psychology as well as the evolution of emotion rules and prescriptions, focusing on western Europe and the United States since 1700. In the eighteenth century, emotions were seen as a positive influence on politics and public life, especially during the French Revolution. After the fall of Robespierre, the emotions were banished to the private sphere - so we will read both primary sources and recent scholarship on 19th- and 20th- century ideas about masculinity and femininity, romantic love and marriage, childrearing, and about what parents and children are supposed feel toward each other, how ideas about these subjects have changed over time, and whether our feelings change with them.

Term:

Occasional

- **MUH-223 World Music**

Credits:

4.00

Description:

Covers topics in folk, traditional, and modern music of Africa, the Middle East, Asia, and Europe in the context of the cultures and lives of the indigenous peoples of those regions; examines how music interacts with the issues of race, gender, class, religion, politics, and social movements. Normally offered every other year.

Term:

Occasional

- **P.AD-201 Social Change**

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

- **P.AD-H201 Honors Social Change**

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

Type:

Honors

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

- **PHIL-228 Feminist Philosophy**

Credits:

4.00

Description:

This course is an introduction to the philosophy of feminist thought. Feminist theories of epistemology, metaphysics and morality will be examined as critiques of traditional philosophy,. Feminist perspectives and methodologies include radical, liberal, postmodern, as well as more recent trends in ecofeminism. Special emphasis will be placed on explicit and implicit practices of alienation and exclusion as they have unfolded in the gendering of thought, truth, and reality. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

- **PHIL-229 Eco-Feminism**

Prerequisites:

PHIL 119, or PHIL 123, or PHIL 127

Credits:

4.00

Description:

Examines the political, social, and ecological problems facing us as a global community. Having its roots in feminist theory and deep-ecology, eco-feminism provides a critical framework for ecological responsibility and accountability. Writings from eco-feminist thinkers and environmental activists around the world will be used to highlight the philosophical and political conflicts and challenges, including globalization and loss of biodiversity, global warming, international human rights, the relationship of gender and nature, and modes of redress for eco-justice and sustainable development.

- **PHIL-261 Eastern Philosophy**

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered

alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-262 Buddhism**

Credits:

4.00

Description:

An historical survey of Buddhist philosophy. We will explore Buddhist origins, central teachings, devotional and meditational practices, ritual and institutions as developed from classical to modern times. Special attention given to the philosophical diversity of the Buddhist world view. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-265 Women in Spirituality**

Credits:

4.00

Description:

An exploration into the various dimensions and ideologies concerning the role of the feminine in relation to the Divine. Belief systems, myths and archetypes from ancient Goddess worship to 20th century feminist theology will be examined in terms of the philosophical content and psychological

consequences. Special emphasis will be placed on feminist metaphysical structures for understanding consciousness and Reality. Classes will be conducted by means of lectures, primary and secondary texts and class discussions. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **PHIL-267 Chinese Philosophy**

Credits:

4.00

Description:

A survey of the main developments in Chinese Philosophy. The course begins with the early dynastic concept of humanism and then turns to Confucius and Mencius. Having developed the central Confucian doctrines, students next examine the Taoist response to Confucianism in the writings of Lao Tzu and Chuang Tzu. The course then considers Zen Buddhism, which is called Ch'an Buddhism in China, where it originated. In particular, students study the concept of sudden enlightenment before turning to the Neo-Confucian scholars.

Term:

Occasional

- **PSYCH-243 Organizational Psychology**

Prerequisites:

Take PSYCH-114;

Credits:

4.00

Description:

Focuses on diversity concerns in various aspects of the psychology of the workforce. This includes job analysis, recruitment, selection, evaluation, training, retention, and termination. Employee morale, well-being, stress, and hardiness are considered.

- **PSYCH-247 Asian Perspectives on Health and Work**

Credits:

4.00

Description:

Examines theoretical and empirical approaches that provide insight into Asian viewpoints on socialization practices, family systems, health/well-being, cultural traditions/values, and spiritual philosophy/literature. Explores the diversity among Asian cultures in terms of language, history, religion/spiritual faith, and healthcare practices, all of which play a significant role in shaping the psychological characteristics, interpersonal relationships, and work dynamics of Asians and Asian immigrants. Students critically analyze similarities and differences between Asian and Western psychological perspectives of health and work through didactic and experiential learning components. This course fulfills the Cultural Diversity Requirement and may fulfill the Expanded Classroom Requirement. Normally offered alternate years.

Term:

Offered Spring Term

Type:

Asian Studies

- **RS-111 Introduction to World Religions: Western Traditions**

Credits:

4.00

Description:

This course will explore the comparative history and structure of Western religious traditions, broadly understood, and their impact on other world religions, while attempting to recognize the similarities and the differences among them. Traditions to be studied include Greek and Roman religion, the monotheistic faiths (Judaism, Christianity, and Islam, as well as Zoroastrianism, Sikhism and Bahaism). We will also explore the impact of the Western religions on indigenous traditions, such as African religion, Native American religion, and Pacific Island religion. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. 1 term - 4 credits. Normally offered every year.

- **RS-112 Introduction to World Religions: Eastern Traditions**

Credits:

4.00

Description:

This course will examine a variety of Eastern religions, including Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shintoism. Possible connections to be explored will be the impact of these traditions on others, such as Pacific Islands and African religion, as well as the growing place of Eastern religion in the West. This course will explore the history and structure of each tradition, while attempting to recognize the similarities and the differences among them. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. Normally offered every year. Cultural Diversity B

Type:

Asian Studies

- **SIB-550 Global Travel Seminar**

Prerequisites:

Please email Hillary Sabbagh at hsabbagh@suffolk.edu to register for a travel seminar.

Credits:

3.00

Description:

An in-depth analysis of timely special issues in international business. Specific topics are announced when the course is scheduled.

Type:

Global Engagement Experience

- **SF-190 Asia in America Fiction and Fact**

Credits:

4.00

Description:

With a focus on some selected ethnic groups from Asia, Asia in America studies the history and current status of Asian Americans in Boston and other parts of the country. We will examine the major reasons why these immigrants chose to leave their home country as well as their expectations and experiences here in America. We will also discuss the issues Asian immigrants have faced in this adopted home as well as the connections and conflicts among different ethnic groups or even within the same ethnic group due to political and socio-economic reasons. The course will include some level of community engagement, through Chinatown tour and service, which may enable us to have a direct contact with the Asian American population and reflect on what is being discussed in class. Through this course, we hope to gain a better understanding of the racial and cultural history of the country and arrive at a deep appreciation of the dynamics of cultural interactions in the twenty-first century. The course fulfills the SCGP requirement.

Type:

Global Engagement Experience

- **SF-1145 Emergence of Southeast Asia**

Credits:

4.00

Description:

Explores the eleven countries and 600 million people of Southeast Asia starting with foundations- geography and environment- and then looking at the human imprint, in the form of the history, religions, and cultures of the region. An examination of contemporary issues related to demography, politics, and (especially) economics.

- **SOC-227 Race in American Society**

Credits:

4.00

Description:

Despite the election of Barack Obama as President of the United States, race remains one of the most divisive forces in U.S. society. While many of us struggle against racism, racial classification continues to affect where we live, where we work, and how we see ourselves. Racial classification affects our access to health care and our encounters with police officers. Distorted images of racial groups fill television and movie screens. Appeals to racism and fear of foreigners are dominant themes in elections to state and national offices. This course examines the formation and re-formation of racial classifications: how particular groups become racially identified, how these classifications change over time, and how conflicts over race have shaped American society. The meanings of race, as seen from a variety of perspectives, will be a consistent theme throughout the course.

Term:

Occasional

- **SOC-228 Cultural, Global and Social Perspectives**

Credits:

4.00

Description:

Enables students to examine, as well as develop an awareness and appreciation of, diversity within today's society. Providing an overview of the major racial, ethnic, and cultural groups in the U.S., the focus is on the ways in which cultural awareness enhances professional helping relationships and improves the operation of human services systems.

Term:

Occasional

- **SOC-275 Women and Crime**

Credits:

4.00

Description:

This course examines the complex relationships between women and crime today. This focus will include women as criminal offenders; women as victims of crime; and women as both offenders and victims. Course materials draw from recent feminist scholarship on these issues in the social sciences. Topics include the causes of women's crime women, drugs, and crime; child abuse and trauma; prostitution and sex trafficking; race, gender and victimization; and feminist social movements against violence. Crimes of violence against women are a central focus in the course.

Term:

Occasional

- **SOC-329 Sociology of Globalization**

Prerequisites:

Prerequisite: SOC 113 or SOC 116.

Credits:

4.00

Description:

Globalization is shrinking the world. How and why did this happen? This course will explore global change and the global processes which effect key social institutions: culture, the economy and politics. Students will study the processes of globalization and its impact on our lives and people around the globe.

Term:

Occasional

- **SOC-341 International Drug Control Policy**

Credits:

4.00

Description:

Relying on a simplistic demand or supply explanation of why Americans use/abuse drugs obscures the reality of America's drug problem, is ineffective as a guide to public policy and has unforeseen, often negative consequences. Drug use is a complex and multi-faceted issue. There are no easy answers. To comprehend the complexity of America's drug problem one needs an understanding of the geography, history, religion, law, economics and international politics of the Middle and Far East, Eastern Europe, Africa, Mexico, and Central and South America. This class will provide this basic understanding without losing sight that the problem we seek to remedy is our own.

Term:

Offered Spring Term

- **SOC-354 Death and Dying**

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

Modern Language

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

Modern Language

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

- **SPAN-303 Modern and Contemporary Latin America**

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

- **SPAN-315 Spanish for the Professions**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

Integrates language learning with culture via business context of the Hispanic world. Spanish for banking and finance, marketing and advertising, and international commerce are highlighted. Students increase their cross-cultural understanding and written and oral proficiency in business Spanish through a wide range of assignments.

Type:

Global Engagement Experience

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

- **THETR-267 Introduction to Theatre: Contemporary American**

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Social & Intellectual HST

- WGS-H111 Women, History, & Culture

Prerequisites:

At least a 3.3 GPA required.

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Honors

- WGS-113 Women, Science, & Society

Credits:

4.00

Description:

Explores women's lives from the perspective of the social and natural sciences, including examination of recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship in these areas. Topics include: the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women; the female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women.

Term:

- **WGS-115 Introduction to Gender Studies**

Credits:

4.00

Description:

Introduces the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, explores the pervasive influence of gender on the structure of society and our everyday experiences and the role that gender plays in our understanding of love, friendship, sexuality, and even violence. Topics include: biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Social & Intellectual HST

- **WGS-311 Engendering Entertainment: Feminism and Popular Culture**

Credits:

4.00

Description:

Investigates the complex intersections between feminism and popular culture through several different lenses: by exploring how feminists make arguments about popular culture; by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like The Bachelor and Grey's Anatomy; by focusing on a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's Female Chauvinist Pigs, and Caitlin Moran's How to Be a Woman. Along the way we will ask questions about: what makes a work of art feminist; how modern media contributes to or distracts us from a variety of political debates in the realm of female equality and how can we, as individuals, use modern media to create and advance smart, feminist arguments.

Type:

- WGS-315 Feminist Thought

Credits:

4.00

Description:

Investigates how feminists, both today and in history, have understood inequality and difference and looked for the best ways to address these issues and bring about social justice. Examines how feminist theorists help us to understand how gender and other social categories, such as race, class, sexuality, disability, age and nationality, are constructed within and through each other; and analyzes feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory, as well as consider anti-feminist arguments. Readings include classic critical texts by authors including Mary Wollstonecraft, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler.

Type:

Social & Intellectual HST

- WGS-325 Global Women's Fiction

Credits:

4.00

Description:

Explores of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic.

Term:

Occasional

- WGS-335 Queer Narratives

Credits:

4.00

Description:

Explores the stories that help us to understand communities, identities, and bodies that could be considered queer, and the ways that film, music, memoir and fiction have discussed queer as different, unusual, or other. Texts include the documentary, "Paris Is Burning", Frank Ocean's 2012 album, "Channel Orange", and Janet Mock's recent memoir, "Redefining Realness", as well as foundational queer theory from Judith Butler, Eve Kosofsky Sedgwick, and Lee Edelman, among others, to help build a framework for approaching and interpreting both fictional and non-fictional accounts of queer lives.

Type:

Social & Intellectual HST

Courses that fulfill the Creativity and Innovation, Humanities/History, Language, Literature, Quantitative Reasoning, Seminar for Freshmen, Social Science, or VPATH requirements may double count to fulfill the Social, Cultural, and Global Perspectives (SCGP) requirement.

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Arts Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AA degree program requires the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Science, Technology, & Engineering (STE): 2 courses and corresponding laboratories where applicable, 8 credits

Choose two STE courses (and corresponding laboratory where applicable) from those listed below. Courses do not need to be in a sequence. In the case of a course that is a lecture plus a lab, the student must complete both components to earn credit for the STE requirement.

Biology:

- **BIO-104 Environmental Biology**

Prerequisites:

BIO 101 and BIO L101, can also be taken concurrently BIO L104 must be taken concurrently

Credits:

3.00

Description:

An introduction to basic evolutionary, behavioral and ecological principles. Readings and discussions emphasize the ways that humans are affected by ecological processes and principles as well as how humans and their technology affect ecosystems. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology. It is intended for non-biology majors as a follow-up to Biology 101. 3 hours lecture. Days Only. Madrid Campus only.

Type:

SCI TECH ENGNR

- **BIO-L104 Environmental Bio Lab**

Prerequisites:

BIO-104 must be taken concurrently

Credits:

1.00

Description:

Exercises and field trips designed to complement and demonstrate the ecological principles developed in the lecture section. The lab emphasizes the scientific method and employs long term group projects. Madrid Campus only.

Type:

SCI TECH ENGNR

- **BIO-105 Humans and the Evolutionary Perspective**

Prerequisites:

Non Science Majors Only

Credits:

4.00

Description:

Major topics include the scientific basis of evolution, the fossil history of vertebrates, evidence of evolution in the human body, and applying an evolutionary perspective to the social interactions and possible futures of humanity. Meets one of the non laboratory science requirements for the non-science major. This reading and writing intensive course is a non-laboratory science option for non-science majors. This course will not fulfill requirement for a major or a minor in Biology.

Term:

Occasional

Type:

SCI TECH ENGNR

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Rigorous introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGR

Chemistry:

- **CHEM-105 Chemical New Product Development**

Prerequisites:

ENT 101

Credits:

4.00

Description:

This course addresses the crucial intersection between chemistry and business, and the impact of these fields on society. It provides an introduction to important chemistry concepts and practices of business management. Primary focus is on understanding the chemistry principles behind some of the consumer products in our everyday lives, and using this knowledge to create and evaluate ideas for new products. The course also introduces the business aspects involved in the development and marketing of new products. An important component of the course is in making effective presentations; this component concludes the course, culminating in team presentations of a new chemical product to panel of executives and peers. This course satisfies the Sawyer Business School Science requirement.

Type:

- **CHEM-106 Biotechnology & Its Applications in Medicine, Agriculture, Law**

Credits:

4.00

Description:

Introduces the latest discoveries and applications of biotechnology. Topics include genetically modified food, stem cells, genetic testing, cloning, and forensics. A combination of lectures, discussions, short documentaries, mock congressional hearings, and hands-on activities will provide insight into the numerous medical, social, legal, and ethical issues surrounding this technology.

Type:

SCI TECH ENGR

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- CHEM-L111 General Chemistry Laboratory I

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

Computer Science:

- CMPSC-F107 Ants, Rumors and Gridlocks

Prerequisites:

Math placement level of 2 or above or any MATH course at the level 100 or above

Credits:

4.00

Description:

Do viruses and rumors spread like forest fires? How do ants cooperate? Do spoken languages and biological species evolve in a similar way? Ants, Rumors, and Gridlocks exposes students to introductory aspects of computational science by addressing and answering these and many other questions. Students use and modify virtual experiments preprogrammed in the NetLogo programming language to investigate these topics and others in Social Sciences, Biology, and Environmental Science. No prior knowledge of computer programming or NetLogo is required.

Type:

SCI TECH ENGR

Electrical Engineering:

- **ECE-288 Measuring the World**

Credits:

4.00

Description:

The world is addicted to quantifying the essence of everything, from personal IQ, to the speed of a baseball, to our healthiness, or our chances of winning the lottery. Behind most of these numeric values exists a science of measurement. Some of this is referenced to international standards, such as for length, time, weight, or temperature. Others are more arbitrary and subjective, such as ranking Olympic performance in gymnastics, beauty pageants, or popular responses as found in the game show Family Feud. A third category includes controversial areas, such as measuring whether a person is lying when interrogated, or using hype rather than reality to market products. Sometimes statistics are used to predict sports outcomes, such as in the annual March Madness NCAA basketball brackets. Finally, in a world subject to fraud and deception, it can be essential to distinguish legitimate from counterfeit items, such as in money, art, collectibles, and historical documents. Don't get hoodwinked! This course examines all of these, starting with how measurements have been made throughout history, along with a full deck of entertaining terms used during the ages. This may help you sort out your weight, whether given in pounds, kilos, or stones. Often these terms will provide insights into how people lived in different eras. We will also look at some of the technologies currently available to provide these measurements, and unravel the complexities of various sensors that are used. As we consider the meaning of accuracy we may become less naive about how much confidence to ascribe to the results given us. Hovering around all of these measurements should be the question of validity - are they meaningful, useful, or misleading? And the impact they have on society - whether they steer behavior more powerfully than one might originally suspect. Each student will also be given an opportunity to become an expert in an area of measurement of personal interest. By the end o

Type:

SCI TECH ENGR

- **ENS-103 Introduction to Engineering**

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **ENS-L103 Intro to Engineering Lab**

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab. There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

Environmental Science:

- **UES-107 Introduction to Drones**

Prerequisites:

UES-L107

Credits:

3.00

Description:

Unmanned autonomous systems (UAS) or Drones are high-tech, intelligent machines capable of traveling by air, land, or sea via a remote connection. This course presents concepts and practical methods of using Unmanned Vehicles in a professional context, particularly for environmental projects. UAVs are increasingly being used in a professional capacity such as cinematography and filming, real estate, construction, surveying, mapping, agriculture, industrial inspections, utilities inspections and many more. The course covers mission planning, operations, field data collection, data processing, legal implications, data analysis and data deliverables. The course and laboratory will include learning flying micro-drones and preparing to pass the Federal Aviation Administration's Unmanned Aerial Vehicle Airmen (Part 107) exam. The course will have an associated Laboratory component in which students will learn how to properly plan effective flight missions, fly safely and legally, develop risk management strategies, analyze the data captured and convert it into a useful data deliverable.

Type:

SCI TECH ENGR

- UES-L107 Introduction to Drones Lab

Prerequisites:

UES-107

Credits:

1.00

Description:

Unmanned autonomous systems (UAS) or Drones are high-tech, intelligent machines capable of traveling by air, land, or sea via a remote connection. This course presents concepts and practical methods of using Unmanned Vehicles in a professional context, particularly for environmental projects. UAVs are increasingly being used in a professional capacity such as cinematography and filming, real estate, construction, surveying, mapping, agriculture, industrial inspections, utilities inspections and many more. The course covers mission planning, operations, field data collection, data processing, legal implications, data analysis and data deliverables. The course and laboratory will include learning flying micro-drones and preparing to pass the Federal Aviation Administration's Unmanned Aerial Vehicle Airmen (Part 107) exam. The course will have an associated Laboratory component in which students will learn how to properly plan effective flight missions, fly safely and legally, develop risk management strategies, analyze the data captured and convert it into a useful data deliverable.

Type:

SCI TECH ENGR

- UES-111 Environmental Science

Prerequisites:

Must be taken concurrently with UES-L111

Credits:

3.00

Description:

Applies the fundamentals of science to environmental issues. Topics include population dynamics and resources, environmental degradation, ecosystems, geologic processes, deforestation, biodiversity, climate change, air, soil, and water resource management, and pollution and risks to health.

Term:

Offered Spring Term

Type:

SCI TECH ENGNR

- **UES-L111 Environmental Science Lab**

Prerequisites:

Must be taken concurrently with UES-111.

Credits:

1.00

Description:

Laboratory exercises are used to illustrate topics covered in UES 111. Field testing and analysis of environmental samples. Field trips may be required.

Term:

Offered Spring Term

Type:

SCI TECH ENGNR

- **UES-121 Science, Art, and the Environment**

Prerequisites:

Take UES-L121 concurrently

Credits:

3.00

Description:

Examines art and cultural objects through the lens of the biological, chemical, and physical principles of the materials and processes we use to make them. Includes consideration of factors important in art conservation. Provides an environmental context for the manufacture and use of art materials and the preservation of cultural objects.

Type:

SCI TECH ENGR

- **UES-L121 Science, Art, and the Environment Lab**

Prerequisites:

Take UES-121 concurrently

Credits:

1.00

Description:

Provides hands-on work with pigments, dyes, and other art materials using the basic principles of science and technology. Students will conduct laboratory experiments that produce art objects and other consumer products. Instruction in safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables, graphs, and graphics. Practice in synthesizing compounds like paints and finishes and in evaluating methods of art conservation.

Type:

SCI TECH ENGR

- **UES-225 Geographical Information Science**

Prerequisites:

Take UES-L225 concurrently

Credits:

3.00

Description:

Provides the fundamentals of geographic information science (GIS) including the history of automated mapping. A review of the necessary hardware and software elements used in GIS is presented. Hands-on exercises with computerized mapping software are required.

Type:

SCI TECH ENGR

- **UES-L225 Geographic Information Science Lab**

Prerequisites:

Must be taken concurrently with UES-225

Credits:

1.00

Description:

Required companion computer laboratory to be taken concurrently with UES 225.

Type:

SCI TECH ENGR

Forensic Science

- **FS-103 Introduction to Forensic Science**

Prerequisites:

FS-L103

Credits:

3.00

Description:

Application of the principles of forensic science in evaluating physical evidence, with emphasis on its role in criminal investigation. Class experiences may include guest lectures and field trips. 3-hour lecture. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **FS-L103 Introduction to Forensic Science Lab**

Prerequisites:

FS 103 concurrently

Credits:

1.00

Description:

Laboratory experiences related to the collection and analysis of physical evidence as performed by forensic science professionals. Experiments may include forensic microscopy, drug analysis, forensic serology, physical patterns, fingerprint and firearm evidence analysis techniques. 3-hour laboratory. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

Neuroscience:

- **NEUR-101 Intro to Neuroscience**

Credits:

4.00

Description:

Introduces the field of neuroscience, the study of the organization and function of the nervous system of humans and other animals. Neuroscientists examine how individual neurons function as signaling devices, how groups of neurons operate as circuits to produce fundamental units of behavior, and how much larger systems in the brain subserve complex functions such as memory and consciousness. Topics include the neuron and neural transmission, the overall function and organization of the nervous system, the development of the brain, neural plasticity, sleep, memory and other higher cognitive functions. Normally offered alternate years.

Type:

SCI TECH ENGR

Physics:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or MATH-165 or permission of Physics department chair; PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **PHYS-151 University Physics I**

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-153 University Physics III**

Prerequisites:

MATH-121, MATH-164 or MATH-165

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGR

- **SCI-103 Environmental Science**

Prerequisites:

SCI-L103 must be taken concurrently

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to environmental degradation, ecosystems, geological processes, population dynamics, deforestation and biodiversity, climate change, ozone depletion, air soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **SCI-L103 Environmental Science Lab**

Prerequisites:

Must take SCI-103 concurrently

Credits:

1.00

Description:

Laboratory exercises to illustrate the topics covered in Science 103. Field-testing and analysis of environmental samples. Field trip required.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **SCI-111 Introduction to Astronomy**

Prerequisites:

MATH-128 or higher and SCI-L111 must be taken concurrently.

Credits:

3.00

Description:

History of Astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors; space programs, science and technology in society. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-L111 Introduction to Astronomy Lab**

Prerequisites:

Take SCI-111 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 111. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-112 Structure of the Universe**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGNR

• **SCI-L112 Structure of the Universe Lab**

Prerequisites:

Take SCI-112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-113 A Habitable Earth Within the Solar System**

Credits:

4.00

Description:

This course introduces non-science majors to concepts that are central to making our planet habitable. It presents Earth in context of the solar system with a broad view of global climate change and energy resources in a quest to better understand the workings our planet. This course on Earth and Planetary Science is suitable for students who may have taken their last science and math course several years ago, or are just curious about knowing facts on major issues that pertain to the future of our planet. Together with a reading component, this course aims to give students a flavor of how researchers think, investigate and develop conclusions that directly affect our political and economic future. Topics covered in this course range from the solar system to the study of search for other habitable Earth-like planets, search for extraterrestrial life, and evolution of life on Earth. Other characteristics of this course are heavy use of audio-visual materials often including computer animations and simulations, in-class experiment demonstration, and intensive use of INTERNET-based resources.

Type:

SCI TECH ENGR

- **SCI-165 Inner Workings of Physics Universe**

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

SCI TECH ENGR

- **SCI-171 The Built World: How Humans Engineer Environments**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **SCI-173 Mapping Our World The Power of Digital Maps**

Prerequisites:

SCI L173 Must be taken concurrently Knowledge of Windows type Application

Credits:

3.00

Description:

Geographic Information Science (GIS) link information (number of fire hydrants on a block) to features on a map (e.g., a point representing street address) that has a designated geographic location (as designated by global coordinates). Unlike paper maps, GIS software allows the production of interactive maps that allows the user to layer data, to indicate spatial patterns, to analyze trends, and to combine different features of the mapped area in novel ways. For example, a business person may wish to use GIS to determine the optimum location of retail outlet (based on the mapped demographics of a neighborhood), while an environmental engineer may use GIS to describe the location of outfalls to see how they correlate to areas

of stream pollution. In this course, students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-L173 Mapping Our World Lab**

Prerequisites:

Must be taken concurrently with SCI-173

Credits:

1.00

Description:

This laboratory illustrates concepts and methods taught in SCI 173. In this lab students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-181 Science and Life in the 21st Century**

Credits:

4.00

Description:

No longer offered on Boston campus This is a four credit, non-lab, science course that examines the central scientific problems confronting the 21st century. The course studies particular topics and teaches the necessary science around these topics to provide a good understanding of the issues. The topics currently are: Energy, Science and Economic Decisions, Sustainability of Life on Earth, Health and Science.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-184 Contemporary Science and Innovation**

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-201 Physics for Future Presidents**

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGR

• SCI-210 Earth and Planetary Crystals

Prerequisites:

Take SCI-L210 concurrently

Credits:

3.00

Description:

This course will provide undergraduate students of various disciplines with an introduction to gems and crystals using interactive, evidence-based teaching approaches. Crystalline forms of matter are critical to our existence. Using innovative teaching strategies of in-class hands-on demonstration, supplemented with visuals of crystal details, the course provides students insights into the formation, alteration and unique properties that make crystals invaluable. Topics range from the study of proteins and nucleic acids to the interior of planets. The in-class lectures will provide a basic guide that will serve as a platform for individually catered in-depth study. Therefore, the course is open to advanced students as well, who can pick up higher level of information for discussion and class projects.

Type:

SCI TECH ENGR

Some Science division courses may have Math or Computer Science prerequisites; many have other Science prerequisites.

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Arts Degree

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The AA degree program requires the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Studies in Literature: 1 course, 4 credits

Choose one Studies in Literature course from those listed below:

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Studies in Literature

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Studies in Literature

- **ENG-130 Introduction to Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-135 World Literature in English**

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-141 Studies in British Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama from the British literary tradition, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-142 Studies in American Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama from the American literary tradition, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-151 Introduction to African-American Literature**

Credits:

4.00

Description:

Literature has the capacity to record and interrogate history in an imaginative and artistic context. African-American literature is a rich, varied, and complex body of literature that faces our tainted history directly. The authors we will read in this class examine slavery's long-term psychological and social effects while forging a literary history that is at once a part of and apart from American literary history more generally.

Type:

Studies in Literature

- **ENG-152 Horror Fiction**

Credits:

4.00

Description:

This course focuses on the reading and analysis of horror literature and the ways in which horror reflects and represents personal and cultural anxieties. Readings will include both classic and contemporary authors, for example, Edgar Allan Poe, H.P. Lovecraft, Shirley Jackson, Stephen King, and others. Assignments will include analytical essays as well as creative writing.

Type:

Studies in Literature

- **ENG-153 Literature of War**

Credits:

4.00

Type:

Studies in Literature

- **ENG-155 Young Adult Literature**

Credits:

4.00

Description:

Young Adult Literature's recent explosion in popularity raises important questions about the stories it tells, the values it promotes, and the audiences it seeks. This course approaches the YA phenomenon as one with deep historical roots as well as contemporary cultural relevance. From nineteenth century classics to current series favorites, literary works focused on young people reframe perennially fresh narratives about coming of age, negotiating personal identity, and navigating a complex moral universe. This course also considers YA literature as part of an evolving network of writers, readers, publishers, critics and filmmakers.

- **ENG-157 Poetry and Religion**

Credits:

4.00

Description:

This course will use close readings to examine poetry as a heightened form of language seeking to make contact with divine sources of faith. We will consider poems that provide examples of the struggle to attain belief, as well as poems that deny belief. Language as both the grammar of ascent and the locus of descent. The position of human beings in relation to God, or the gods, or the absence of the divine.

Type:

Studies in Literature, Classics Minor

• ENG-161 Writing the American West

Credits:

4.00

Description:

In 1893, Frederick Jackson Turner famously declared that the American frontier (i.e., the West) had closed for good. To a certain extent, Jackson's proclamation was meant to demarcate the end of the 19th century. But perhaps more importantly, it marks the beginning of a distinctly American literature that began, ironically, by mourning its own demise. In this course, we will journey among some of the more significant signposts and detours that have marked Western U.S. literature in the 20th Century. Along the way, we will question just where, exactly, the West begins and ends (The Mississippi River? The Great Plains? The Rockies?), and think about whether or not Turner's frontier thesis continues to hold true (if it ever did). We will consider whether the broad rubric of The West is adequate to describe the various sub-regions within this portion of the United States, and we'll examine the genres which seem as if they could not have happened anywhere else. We will also interrogate differences in the literature across gender lines: how, if at all, does the literature written by men and by women differ? Above all, we will strive to come away with a deeper understanding of this vitally American, and vitally Wild literary place.

Type:

Studies in Literature

• ENG-213 English Literature I

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-214 English Literature II**

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-217 American Literature I**

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-218 American Literature II**

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

Masterpieces of French and Francophone Literature in English Translation. Studies works translated into English by major authors from the Middle Ages to the present. Explores drama, fiction, and poetry from many regions of the world: Africa, Western Europe, North America, the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Studies in Literature

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

Analyzes and discusses canonical works of French literature from medieval times to the eighteenth century.

Term:

Offered Fall Term

Type:

Studies in Literature

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

Study, analyze and discuss canonical works of French-language literature from the nineteenth through the twenty-first centuries, as they relate to important events in the art, culture, and history of the Francophone world.

Term:

Offered Spring Term

Type:

Studies in Literature

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

Explores the theme of love and its manifestation in representative works while being aware of the evolution of French Literature. Addresses various thematics that accompany a traditional survey of literature course such as critical discourse, aesthetic representation, literary movements, genre, construction of sexual identities, sexual politics as well as representations of ethnicity, class, and culture.

Term:

Occasional

Type:

Studies in Literature

- **FR-318 Face in the Mirror: Writing & Reflecting the Self in French**

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

Examines literature in the French language focusing on memoir, essay, and autobiography. Read authors such as, Montaigne, Rousseau, Lamartine, Colette, Duras, Beauvoir, Le, Chamoiseau, Djébar, Conde, Ernaux, Genet, and Satrapi. Develops an appreciation of the differences between autobiography and autofiction. Explores the question of truth and the fallibility of memory.

Type:

Studies in Literature

- **WGS-211 Heroines, Hotties & Hubris: Adolescent Girl's Books**

Credits:

4.00

Description:

Explores what we can learn from the books that teenage girls read. In addition to a wide array of interesting and complex Young Adult novels targeted to young female readers, students will be exposed to theories of adolescent development, literary criticism, and social theory. Topics include how the dilemmas of girlhood have changed or stayed constant and the urge, so common in books for children and teens, to teach kids how to think and behave.

Term:

Occasional

Type:

Studies in Literature

- **WGS-220 Other Worlds, Other Genders: Women and Science Fiction**

Credits:

4.00

Description:

Examines through both classic and contemporary science fiction a variety of possibilities for world-reimagining in the realms of gender, sexuality, race, and other forms of difference. Draws on theories of utopian and dystopian discourse, engages with questions of biology and reproduction, and explores colonialism through first-contact and space empire narratives.

Type:

Studies in Literature

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Arts Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AA degree program requires the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Ethical & Philosophical Inquiry: 1 course, 4 credits

Choose one Ethics course from those listed below:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Arts Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AA degree program requires the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
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- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Human Behavior and Societies: 1 course, 4 credits

Choose one Human Behavior and Societies course from those listed below:

Advertising and Public Relations:

- ADPR-285 Media and Pop Culture I

Credits:

4.00

Description:

Examines the influence of media on contemporary society from a social science perspective. Television, radio, film, and print formats are discussed in terms of their persuasive impact on mass culture in the U.S.. The emergence and development of Rock N Roll is discussed in unison with the Civil Rights, Student's Rights, and anti-War movements of the period from 1946-1972.

Term:

Offered Spring Term

Type:

Human Behavior & Societies

Communication:

- CJN-255 Introduction to Media

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television, and new media technologies develop, and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness, and change processes.

Term:

Offered Fall Term

Type:

Human Behavior & Societies

Economics:

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Government

- **GVT-110 Introduction to American Democracy**

Credits:

4.00

Description:

An introduction to the American political system and constitutional framework. Focus will be on the interplay of various institutions (the Presidency, Congress and the Judiciary) in creating public policies. Contemporary public issues will be discussed, as will the role of political theory in shaping American democracy. Attention will be given to the role of the news media, public opinion, political ideology, political parties and interest groups in the American system.

Type:

Human Behavior & Societies

- **GVT-115 Evolution of the Global System**

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

Type:

Human Behavior & Societies

Psychology:

- **PSYCH-114 General Psychology**

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

Sociology:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-224 Families in Contemporary Society (Spain)**

Credits:

4.00

Description:

Spain has experienced major socio-demographic changes since the mid 1970s. These transformations mainly arise from the new role of women in society and, in particular, women's higher levels of education, work experience, and labor market attachment. The changes in women's labor force participation have occurred in conjunction with a progressive postponement of main family events, such as leaving the parental home, forming a partnership and having children, as well as with a reduction in the family size. Spain is, indeed, characterized as having one of the lowest low fertility levels within Western industrialized countries, a pattern that is exacerbating the ongoing process of population aging. This picture partly reflects the conflicting relationship that currently exists between women's labor force participation and the accommodation of family responsibilities: the so-called work/ family balance. Ongoing differences among countries have been accounted for by different explanatory factors that involve socio-economic, cultural and social policy dimensions. From a comparative perspective, the course is intended to cover recent debates, controversies, and research on family formation and family dilemmas in contemporary Spain.

Type:

Human Behavior & Societies

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Arts Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AA degree program requires the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Social & Intellectual History/Visual & Performing Arts Theory & History: 1 course, 4 credits

Choose one course from those listed below:

American Studies:

- **AMST-111 Defining America and Americans**

Credits:

4.00

Description:

Examines artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and methods in the field of American Studies.

Type:

Social & Intellectual HST

Art & Design:

- **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

- **ADI-234 History & Theory of Interior Architecture**

Prerequisites:

Taken concurrently with ADI S201

Credits:

3.00

Description:

This course introduces students to the important individuals, ideas and issues that have shaped the direction of contemporary interior design practice in the twentieth century, building upon the historical foundation established by the Ideas of Western Art and History of Furniture and Architecture classes. Intermixing lectures and readings with visits to important local buildings, it discusses the influences of culture, technology, fashion and media upon the work and thinking of the first generation of modern designers, as well as emerging social, moral and environmental imperatives that will form the basis of future practice; cultural identity, interdisciplinary collaboration, sustainability and universal design.

Term:

Offered Fall Term

Art History:

- **ARH-101 Art History I**

Credits:

4.00

Description:

Surveys the art of Western civilization from prehistoric caves to medieval cathedrals. Considers works from the Ancient Near East, Ancient Egypt, Ancient Greece and Rome, the Byzantine Era, the Romanesque Period, and the Gothic Period in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-102 Art History II**

Credits:

4.00

Description:

Surveys the art of Europe and America from the Renaissance to the present. Considers work of painting, sculpture, and architecture from periods such as the Renaissance, the Baroque, the Rococo, Neoclassicism, Romanticism, Impressionism, Abstract Impressionism, and Post-Modernism in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-205 Gender, Class and Alterity in Ancient And Medieval Art**

Credits:

4.00

Description:

Explores issues of sexuality, gender, race, and social class in the ancient and medieval worlds. Examines key artworks from ancient Greece, the Roman Empire and medieval Europe within historical, social and cultural contexts.

- **ARH-307 Art of the Italian Renaissance**

Credits:

4.00

Description:

Examines painting, sculpture and architecture of the 14th, 15th, and 16th centuries in Italy in their cultural context. Artists include Giotto, Masaccio, Donatello, Leonardo da Vinci, Raphael, Michelangelo, and Titian.

Term:

Occasional

- **ARH-308 Art of the Baroque & Rococo**

Credits:

4.00

Description:

Explores painting, sculpture and architecture in Italy, Spain and Northern Europe during the 17th and 18th century. Works by Rembrandt, Rubens, Caravaggio, Bernini, Poussin, Velasquez, Watteau, Boucher, Fragonard, Chardin, Hogarth and others considered within their historical contexts.

Term:

Occasional

- **ARH-309 Art of the 19th Century**

Credits:

4.00

Description:

Examines Neoclassicism, Romanticism, Realism and Impression in the European painting. Considers works by artists such as David, Ingres, Friedrich, Constable, Delacroix, Goya, Courbet, Millet, Daumier, Manet, Monet, Renoir, Degas, and Cassatt within their historical contexts.

Term:

Occasional

- **ARH-310 Modernism in Art**

Credits:

4.00

Description:

Examines European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, The Bauhaus, Dada, and Surrealism. Considers works by artists such as Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Mondrian, Duchamp, Magritte, Dali, and Ernst within their historical contexts.

- **ARH-311 American Art**

Credits:

4.00

Description:

Surveys American painting, sculpture, photography and architecture from the colonial period through WWII. Considers works by artists such as Smibert, Copley, West, Stuart, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole, Inness, Sloan, Sullivan, Wright, Hopper, O' Keefe, Dove, Hartley, Bellows, Stieglitz, Weston, and Steichen.

Term:

Occasional

- **ARH-312 Art of the Northern Renaissance**

Credits:

4.00

Description:

Examines painting, sculpture, and architecture of the 14th,15th and 16th centuries in Northern Europe, within their historical context. Topics include the rise of oil painting, the development of woodcut and engraving, the effect of the Reformation on art. Artists include van Eyck,Bosch, Durer, Holbein and Brueghel.

Term:

Occasional

Asian Studies:

- **AS-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Both Fall and Spring

Type:

Asian Studies, Social & Intellectual HST

Communication:

- **CJN-114 Great Works of Journalism**

Credits:

4.00

Description:

An examination of important contributions to the literature of journalism through an analysis of major writers and news coverage of significant events from a journalistic perspective.

Term:

Occasional

Type:

Social & Intellectual HST

- **CJN-152 Visual Aesthetics**

Credits:

4.00

Description:

This course provides an introduction to a humanities approach to a range of media, including but not limited to film and television. The course helps students develop visual literacies, enriching their understanding of multiple forms of media. The class also explores how media texts are constructed for specific cultural, entertainment, informative and propaganda purposes.

Term:

Offered Both Fall and Spring

- **CJN-292 Film History: From Silent Cinema to the Modern Era**

Credits:

4.00

Description:

An introductory film studies course that covers the history of the film medium from its birth until the 1970s. It provides an introduction to major film theory concepts, such as genre and/or auteur studies, as well as key films and stars in movie history.

Term:

Alternates Fall & Spring

English:

- **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's *Odyssey*, Sophocles' *Oedipus*, Virgil's *Aeneid*, selections from the Hebrew Bible and the Gospels, and Dante's *Divine Comedy*. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **ENG-124 Great Books of the World II**

Credits:

4.00

Description:

This course will introduce students to a selection of Great Books from around the world from the 17th century to the 21st, such as Don Quixote (Spain), Madame Bovary (France), The Communist Manifesto (Germany), The Origin of Species (England), War and Peace (Russia), On Dreams (Austria), Night (Hungary), Things Fall Apart (Nigeria), Satyagraha (India), I Am Prepared to Die (South Africa), Saeed the Pessoptomist (Israel), The Rouge of the North (China), and The House of Spirits (Chile). Readings may vary at the discretion of the instructor.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **ENG-266 Mad Men: Reading Visual Narratives**

Credits:

4.00

Description:

This course will focus on the cultural phenomenon of the TV Series Mad Men, considered by many to be the foremost example of Quality TV produced during the so-called golden age of television and engage with it on visual, cultural, literary and filmic levels. The basic premise of the course is that the current practice of binge watching one's favorite shows should be a heightened experience rather than a guilty pleasure, one akin to reading a novel. Watching a complex and sophisticated TV narrative involves taking into account the viewer's positionality as a filmic consumer, textual critic and social commentator. The class will consider various theoretical approaches to television narrative, beginning with ideas gleaned from

the discourse of visual literacy, and proceed by applying textual analysis adapted from the more traditional modes of literary studies and film analysis. A combination of critical and evaluative sources will be examined, including book-length studies of the series, individual essays based on the series' appeal to style, American popular culture, advertising, gender roles, race, and 60s nostalgia. Additionally, the recent phenomenon of the series recap will serve as the touchstone to the class's collective viewing of the series and students will be challenged to synthesize and assess these popular on-line critiques as they draft their own recaps and creative readings of the episodes. The entire first two seasons of Mad Men will be studied and the invaluable resource of director/producer commentaries will be incorporated into the study of the series with a view to acquiring critical insights and analytical skills that may be applied to other quality TV series that students currently enjoy watching.

Environmental Science:

- **UES-325 Environmental History of US**

Credits:

4.00

Description:

Explores how Americans have understood the environment and their relationship to it through analysis of classic environmental texts, historical contexts, and societal perspectives. Analyzes how the environment has changed from pre-colonial times to the present and how these changes have been described through the lens of environmental history. Themes include differing viewpoints of European and indigenous peoples toward the natural environment, the impacts of the Western expansion on native species and landscapes, the rise of industrialism and its impacts on natural resources and ecosystems, and the rise of 20th century environmentalism.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

French:

- **FR-220 French & Francophone Cinema**

Credits:

4.00

Description:

Discusses and deepens understanding of French and Francophone cinema from its origins in the late nineteenth century to the early twenty-first century. Explores early works from France, by the Lumiere Brothers and Georges Melies as well as contemporary films from France, Algeria, Burkina Faso, Canada, Haiti, and Senegal.

Term:

Occasional

- **FR-320 French & Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

History:

- **HST-101 History of Western Civilization I**

Credits:

4.00

Description:

Surveys European culture, politics, and society from antiquity to the seventeenth century. Topics include: the Greek, Judaic, and Roman heritage; the rise of Christianity; feudal society in the Middle Ages; Renaissance and Reformation; the Scientific Revolution; and the development of absolutist and constitutional governments.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **HST-102 History of Western Civilization II**

Credits:

4.00

Description:

Surveys European culture, politics, and society from the Scientific Revolution to the present. Topics include: the development of absolutist and constitutional governments; the Enlightenment; the French Revolution; Industrialization and urbanization; nationalism and imperialism; World War I, World War II, and the Cold War; the decline of Europe as a world power.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-121 World History I**

Credits:

4.00

Description:

Explores the major themes of human history to 1500. Topics include: hunter-gathering, the migration of humans across the globe, transitions to food production, and the development of complex societies based on agriculture. Major early Eurasian civilizations (China, India, the Middle East, and Europe) are examined (alongside their interactions with Inner Asia and the Arabian Peninsula). So too are Sub-Saharan Africa and the Americas.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-149 Empires & Globalization in World History I**

Credits:

4.00

Description:

This is the first of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include the formation of the medieval trade system, the development of finance and capitalism in the early modern ages, and economic changes prior to the Industrial Revolution. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-150 Empires & Globalization in World History II**

Credits:

4.00

Description:

This is the second of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include state-making, wars, and the rivalry among early modern empires, economic development, the Industrial Revolution and the formation of the global trade system. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-181 American Life to the Civil War Era**

Credits:

4.00

Description:

Surveys American history from European colonization up through the era of the Civil War. Topics include interactions with Native Americans; slavery; the American Revolution; the founding of a new republic; social and economic developments in the early nineteenth century; expansion; party politics; sectional conflict; the Civil War and Reconstruction.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-182 American Life Since the Civil War Era**

Credits:

4.00

Description:

Surveys American history from the 1870s to the present. Topics include the new industrial order; farmer and worker protests; progressivism; America's emergence as a world power; the two World Wars; the Great Depression; the New Deal; the Cold War; post-World War II American society; the Civil rights movement; Vietnam; dissent and counterculture in the 1960s; the women's movement; economic, social, and political changes in the late-twentieth century; America's relationship to a globalized world.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-251 Modern East Asia**

Credits:

4.00

Description:

China, Japan, and Korea - East Asia's critical players - share many historical influences, but each has a distinct culture, and they competed with each other for much of the twentieth century, proud of their achievements but feeling threatened by their neighbors. Lectures interspersed with movies and documentaries to show how East Asia has developed in the past one-hundred-plus years.

Type:

Social & Intellectual HST

- **HST-260 Asian Peoples and Cultures**

Credits:

4.00

Description:

Introduces the peoples of Asia and the cultures they have created. Particular attention is paid to the lives of the common people in both historical and contemporary times. By understanding the richness and complexities of daily life in Asia, we will understand the continuities and discontinuities brought on by social, cultural, and economic changes. We will gain an appreciation of our fellow human beings in Asia.

Type:

Social & Intellectual HST

- **HST-268 History of the Mediterranean**

Credits:

4.00

Description:

Explores the history of the Mediterranean from the ancient times to the 20th century, with emphasis on the extraordinary interaction between the rich cultural, ethnic and religious backgrounds of the peoples of Europe, Middle East, and North Africa.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-312 Renaissance and Reformation Europe**

Credits:

4.00

Description:

Explores the intellectual and cultural developments of the Renaissance, and of the Protestant and Catholic Reformations in their social and political contexts. Topics include: Humanism, the rise of the city-state; art, and science; changes in family and social life; the causes of the Reformation (intellectual, social, technological); Calvinists, Lutherans, and Radical Reformers; Counter-Reformation and its political consequences; the Wars of Religion.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-361 Native America 1832 to Present**

Credits:

4.00

Description:

Topics will include the Plains Indian Wars; ethnological aspects of Indian tribes; the pitfalls of Indian reform movements; Indian resistance to U.S. assimilation and reservation policies; the Indian New Deal; activism and the American Indian Movement; Indians' future prospects. Cultural Diversity A

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-383 Boston: Heritage of a City**

Prerequisites:

One History course

Credits:

4.00

Description:

Boston from its foundation in 1630 to its development as a 21st century metropolis. From the Massachusetts Bay Colony, to cradle of the American Revolution, to a Yankee merchant capital, Brahmin cultural center, and immigrant melting pot. When offered in the hybrid format, this course will meet at the regularly-scheduled time, but lectures and other course materials will be available on the course Blackboard site in case you cannot attend.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-394 Slavery in Film, Literature and History**

Credits:

4.00

Description:

A seminar on slavery in the United States as depicted in history, literature, and film. Topics may include resistance to slavery, honor, the attack on slavery, the cultural and social worlds of masters and enslaved people, the thought of masters and enslaved people, women and slavery, and/or slavery as an economic institution.

Type:

Social & Intellectual HST

- **HST-412 Europe in the 20th Century**

Credits:

4.00

Description:

Examines the political, economic, social and cultural developments of the principal European states since 1900. Topics include: World War I; the social and economic dislocations of the 1920s and 1930s; the rise of Fascism and National Socialism; World War II; the remains of colonialism; modernization and Americanization since the 1960s; the European Union; Europe after the Cold War; and throughout the twentieth century, the importance of class and class conflict, nationalism, and war in shaping the European experience.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-426 Politics and Culture in Europe 1919-1939**

Credits:

4.00

Description:

Explores the social and political development of European society between the two world wars, primarily through the literature, art, and films of the period. Topics include: the dissolution of pre-1914 middle class society; deviance and sexuality in the 1920s; the role of decadence in art and the Fascist response to deviance in life and art; women, workers, and the new technology; the rise of Fascism; political engagement and polarization throughout European society in the face of economic and social crisis.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-489 Germany: Film, Politics, Memory Since 1945**

Credits:

4.00

Description:

Explores German history since 1945 through film, newsreels and other archival footage, war memorials and museums, novels, published diaries, memoirs, and recent historical scholarship. Topics include the representation, in film and other texts, of: post-war rebuilding; the German Economic Miracle; divided Berlin; 1960s and 70s radical politics; coming to terms since 1945, with Germany's Nazi past and the Holocaust; coming to terms since 1990 with the Stasi and East German past; Ostalgie (nostalgia in the 21st century for some aspects of East German socialism); the multi-cultural society that is Germany today, with new Turkish, Greek, Russian, Arab, and even Israeli communities.

Type:

Social & Intellectual HST

Music History:

- **MUH-101 History of Music I**

Credits:

4.00

Description:

Surveys Western music from CE800-1800, from Gregorian to Beethoven; selected major composers, representative masterworks, and the musical styles of the Medieval, Renaissance, Baroque, and Classical periods; links the music to some of the major historical, cultural, artistic, and intellectual trends of these periods. Normally offered yearly.

Term:

Offered Fall Term

- **MUH-102 History of Music II**

Credits:

4.00

Description:

Surveys Western art music from 1800-present, from Schubert to Jennifer Higdon; selected major composers, representative masterworks, and the musical styles of Romantic, Contemporary, and post-Modern periods; links the music to some of the major historical, cultural, artistic, and intellectual trends of these periods. Normally offered yearly.

Term:

Offered Spring Term

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Surveys American music from Colonial times to the present; various attempts to create an indigenous musical style; vernacular and art music genres including folk, concert, and religious music, jazz and musical theatre; includes music of Billings, Amy Beach, Ives, Copland, Bernstein, and Libby Larsen. Normally offered yearly.

Term:

Alternates Fall & Spring

Philosophy:

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **PHIL-219 Philosophy of Art**

Credits:

4.00

Description:

What counts as art? What is beauty? Are there objective standards of beauty? This course examines the nature of aesthetic experience, art, beauty, and creativity. Through the classic and contemporary readings, the students will be introduced to philosophical issues concerning the meaning of art, artistic representation, perceptions of art, interpretation, and criticism. Students will be encouraged to reflect on their own experience of art and explore the relationships among the artist, the audience, the artwork, and the world. 1 term - 4 credits. Normally offered every third year.

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Social & Intellectual HST

Theatre:

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

- **THETR-266 Intro to Theatre: 20th Century**

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Women's & Gender Studies:

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Social & Intellectual HST

- **WGS-115 Introduction to Gender Studies**

Credits:

4.00

Description:

Introduces the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, explores the pervasive influence of gender on the structure of society and our everyday experiences and the role that gender plays in our understanding of love, friendship, sexuality, and even violence. Topics include: biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Social & Intellectual HST

• WGS-311 Engendering Entertainment: Feminism and Popular Culture

Credits:

4.00

Description:

Investigates the complex intersections between feminism and popular culture through several different lenses: by exploring, how feminists make arguments about popular culture; by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like The Bachelor and Grey's Anatomy; by focusing on a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's Female Chauvinist Pigs, and Caitlin Moran's How to Be a Woman. Along the way we will ask questions about: what makes a work of art feminist; how modern media contributes to or distracts us from a variety of political debates in the realm of female equality and how can we, as individuals, use modern media to create and advance smart, feminist arguments.

Type:

Social & Intellectual HST

• WGS-315 Feminist Thought

Credits:

4.00

Description:

Investigates how feminists, both today and in history, have understood inequality and difference and looked for the best ways to address these issues and bring about social justice. Examines how feminist theorists help us to understand how gender and other social categories, such as race, class, sexuality, disability, age and nationality, are constructed within and through each other; and analyzes feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory, as well as consider anti-feminist arguments. Readings include classic critical texts by authors including Mary Wollstonecraft, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler.

Type:

Social & Intellectual HST

• WGS-335 Queer Narratives

Credits:

4.00

Description:

Explores the stories that help us to understand communities, identities, and bodies that could be considered queer, and the ways that film, music, memoir and fiction have discussed queer as different, unusual, or other. Texts include the documentary, "Paris Is Burning", Frank Ocean's 2012 album, "Channel Orange", and Janet Mock's recent memoir, "Redefining Realness", as well as foundational queer theory from Judith Butler, Eve Kosofsky Sedgwick, and Lee Edelman, among others, to help build a framework for approaching and interpreting both fictional and non-fictional accounts of queer lives.

Type:

Social & Intellectual HST

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



SUFFOLK
UNIVERSITY
BOSTON

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2017-2018 Archived Catalog Information

Associate of Arts Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AA degree program requires the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Modern Language: 0-2 courses, 0-8 credits

To fulfill the modern language requirement, a student must earn credit for a course in a language other than English taught at Suffolk at the level of 102 or above. A student may have to complete the prerequisite of 101 before taking 102. A student may test into 102 or higher. The modern language requirement

may be waived with proof of proficiency at the 202 level in any qualifying language.

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



SUFFOLK
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Academic Catalogs

[Academic Catalogs](#) > [Undergraduate Catalog](#) > [College of Arts & Sciences](#) > [Fall 2017 Degree Requirements](#) > Associate of Science in Paralegal Studies

2017-2018 Archived Catalog Information

Associate of Science in Paralegal Studies

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The ASPS degree requires the successful completion of the following courses:

Core Requirements: 11 courses, 40-41 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Social and Intellectual History](#)

First Year Experience: 1 course, 1 credit

Students with 15+ transfer credits of college or university work are exempt.

Choose one of the following to be completed during the first semester of matriculation:

- **CAS-101 Strategies of Success**

Prerequisites:

CAS students only. SBS students by special permission.

Credits:

1.00

Description:

CAS 101 is a one-credit course that meets once a week and is designed to help you have a successful transition to Suffolk University and our unique urban community. It is also designed to introduce you to the principles and concepts of Oral Communication and Presentation Skills. Through interactive exercises and engaging assignments, you will explore the campus environment and learn about strategies for success as a student. You will present speeches about your research and activities to improve your abilities as a speaker.

- **ADPR-102 Professional Development**

Prerequisites:

ADPR-101 must be taken concurrently

Credits:

1.00

Description:

In this hands-on experiential course, students examine potential career paths in Advertising, Public Relations, and Social Media, become oriented to the university and the surrounding Boston area, and identify professional resources in Boston that foster career development.

Major Requirements: 8 courses, 32 credits

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Science in Paralegal Studies

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The ASPS degree requires the successful completion of the following courses:

Core Requirements: 11 courses, 40-41 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Social and Intellectual History](#)

Seminar for Freshmen: 1 course, 4 credits

Students with 15+ transfer credits of college or university work are exempt.

Please note that not all courses are offered each semester. Students should contact their advisor to learn about current course offerings.

Choose one Seminar for Freshmen course from those listed below:

- **SF-101 Fixing the World- Energy and Water: The Science of Solutions**

Credits:

4.00

Description:

Two of the most daunting challenges the world faces (or will face) is how to provide for both its growing energy needs and potable drinking water. Regular news events include climate change, droughts, flooding, and petroleum struggles. Human nature often requires a severe crisis before it responds. This course will investigate the historical science driving the use of energy since the Industrial Revolution to convert energy resources into work, including the steam engine, the electric motor, and the internal combustion engine. It will also consider alternative energy options to fossil fuels, such as solar, wind, geothermal, and ocean power. Along the way we will consider the evidence for Global Warming and Climate Change. We will look into human nature, simple life styles, conspiracy theories, and the influence of those in power to shape human opinion. We will also consider how our water supply is provided and where it goes after being used. What options do developing countries or drought racked areas have to remedy their water needs? Although the course pursues a scientific understanding of these issues, the mathematics used will be gentle, and a larger emphasis will be placed on the intuitive appreciation of these concerns.

- **SF-116 Enlightened Insanity**

Credits:

4.00

Description:

Rain or shine, the great 18th century Enlightenment philosophers would meet at the famous cafes of Paris to discuss their ideas, and to observe and criticize society. From these informal debates emerged ideas that are at the core of our modern understanding of the nature of society, marginality, human nature, civil rights, the essence of creativity and genius. Come join us in the quest to understand, define, observe, and analyze the key ideas and concepts of these great thinkers, such as Rousseau, Diderot, and Voltaire, still so relevant in our time. We will read key works of these creative thinkers and philosophers. We will enrich our experience and understanding through the use of film, theatre performances, museum visits, as well as the occasional cafe debate.

- **SF-126 The Boston Theatre Scene: the Inside Experience**

Credits:

4.00

Description:

Using the current Boston theatre season as its syllabus, this writing- and analysis-intensive course will explore several plays in production at some of Boston's many professional theatres. We will study the script of four to five plays before attending performances of those works. Students will gain insights on the world of theatre through backstage tours and conversations with theatre professionals such as producers, directors, actors, designers, playwrights, and critics. Students must be available for evening (usually Wednesday) performances. A fee for student-rate tickets will be assessed.

- **SF-132 The Beatles: Here, There & Everywhere**

Credits:

4.00

Description:

This seminar will investigate the impact and legacy of the Beatles. The Fab Four deserve our scholarly attention as musical innovators and as cultural avatars of the 1960s, an era that still exerts influence today. We will examine the many ways in which the Beatles rocked the establishment and became defining figures in post-war youth culture. We will also discuss other media (the visual arts, film, fashion, style) and fields of study (mass media, marketing, recording technology, copyright law, English history) using the Beatles as our guides.

- **SF-151 Getting Over It: Dealing With the Aftermath of Group Conflict/Mass Atrocity**

Credits:

4.00

Description:

Once violent conflict between two groups has ended, what is the best way to transition back to normality coming to terms with the past or simply moving on? To answer these questions we will examine the debates surrounding war crime tribunals, truth commissions, lustration policies, and reparations in the second half of the 20th century. Case studies will include post-apartheid South Africa, post-WWII Germany, and the Israeli/Palestinian conflict. We will discuss the philosophical problems raised by each of these instruments, as well as on the political, legal, and practical difficulties their implementation present. Cultural Diversity B

- **SF-156 The Mask Behind the Face: Personas, Personalities, and Perception. Acting in /Out Life**

Credits:

4.00

Description:

The theatre has always been a metaphor for life. In modern times life has become theatre. This seminar will confront the idea of real life and the eroding boundary between performers and audience. Students will study the roots of the contemporary obsession with stars and stardom, a mania that began in the 18th century and flourished in the 19th century. We will look at performance studies, performers memoirs, plays, and films that dramatize this dilemma.

- **SF-173 Crime in American Society**

Credits:

4.00

Description:

Popular beliefs about crime are often inspired by the media and by specific criminological theories. These theories about and media images of crime will be examined in detail, including the hits and misses.

- **SF-174 Tragedy and Literature**

Credits:

4.00

Description:

This course will focus on classic works of ancient and modern literature that examine the human condition from a tragic perspective. We will concentrate on close readings from the following texts: Homer's Iliad, Sophocles' Antigone, The Bhagavad-Gita, Shakespeare's Othello, Chekhov's short stories, and Joyce's Dubliners.

Type:

Classics Minor

- **SF-175 War and Apocalypse in Science Fiction**

Credits:

4.00

- **SF-178 Sacred Hoops & Sneaker Pimps: Understanding the American Hoop Dream**

Credits:

4.00

Description:

This course is about the basketball hoop dream played out at the high school and college levels. We will study a wide variety of materials - novels, films, websites, reference works - to understand both the construction, and destruction, of the hoop dream in such diverse places as New York City, Seattle, rural Indiana, suburban Georgia, and the Wind River Reservation in Wyoming. Issues of race and culture will serve as guiding themes as we develop critical theory explaining why the hoop dream has persisted, and adapted, over time, to fit the needs of its believers and supporters.

- **SF-182 Heroes, Antiheroes and Outsiders: Reading the Graphic Novel**

Credits:

4.00

Description:

How is it that comics", a genre often viewed as entertainment for children and adolescents, has become one of the most exciting forms of narrative and visual art? To answer this question, this seminar will examine a range of graphic novels, from those that celebrate their origins in superhero comics, such as Alan Moore's *Watchmen*, to those that treat subjects not usually considered proper to the comics genre, such as Art Spiegelman's *Maus*, about the Holocaust, and Alison Bechdel's *Fun Home*, about the complexities of sexual identity. As we read these works, we will look at how the combination of words and still images makes the graphic novel a unique storytelling form, as well as how artists and writers push the envelope to create new styles and challenge our expectations. In addition to class discussions and writing assignments, we will take a field trip to the Museum of Fine Arts and create a collaborative group graphic novel step-by-step over the course of the semester (all abilities welcome).

- **SF-183 Politics, Power and the Media**

Credits:

4.00

Description:

Is there a relationship between accumulated political power and mass media representations? Is news content impacted by existing political power relations? It is the object of this course to critically analyze the role of the mass media within the framework of existing political power relations in the United States. In particular, the course will focus on the role the mass media plays in promoting and reinforcing dominant political practices and

ideologies. The course will begin by exploring various theories of the press, notably its function in a democratic society, as well as the concepts of power and propaganda. We will continue with a series of case studies, complemented by secondary sources that highlight how media representations affect the contemporary distribution of political power in the US. Topics of discussion will include the current US war on terrorism, the ongoing health care debate, the public disavowal of big government", and the concept of a liberal media.

- **SF-189 American Gothic: Edgar Allan Poe, Flannery O'Connor and Annie Proulx**

Credits:

4.00

Description:

This literature seminar will study and compare the short stories of Edgar Allan Poe, Flannery O'Connor, and Annie Proulx. Beginning with Poe as the father of the short story genre in America and exploring his critical theory of the grotesque and arabesque", the class will examine the emergence of the gothic literary idiom as a classic American genre. Critical essays on the gothic aesthetic will be analyzed and film adaptations and documentaries will be viewed.

- **SF-190 Asia in America Fiction and Fact**

Credits:

4.00

Description:

With a focus on some selected ethnic groups from Asia, Asia in America studies the history and current status of Asian Americans in Boston and other parts of the country. We will examine the major reasons why these immigrants chose to leave their home country as well as their expectations and experiences here in America. We will also discuss the issues Asian immigrants have faced in this adopted home as well as the connections and conflicts among different ethnic groups or even within the same ethnic group due to political and socio-economic reasons. The course will include some level of community engagement, through Chinatown tour and service, which may enable us to have a direct contact with the Asian American population and reflect on what is being discussed in class. Through this course, we hope to gain a better understanding of the racial and cultural history of the country and arrive at a deep appreciation of the dynamics of cultural interactions in the twenty-first century. The course fulfills the SCGP requirement.

Type:

Global Engagement Experience

- **SF-191 Film Adaptation Film Adaptation**

Credits:

4.00

Description:

Why did they change the ending of the book? The novel is so much better! We will explore the concept and industry of film adaptation. Students will read novels and watch respective film adaptations to explore how the written word is adapted to the screen; both fiction and non-fiction works will be considered. Also, field trips to past film locations in Boston will be taken to explore why specific settings were chosen for respective situations. Additionally, students will create their own written adaptations of source materials, putting into practice the concepts studied in class.

- **SF-197 Sustainability, Energy, and Technology At Suffolk University**

Credits:

4.00

Description:

In this project and team-based course, students study a sustainability problem at Suffolk University and spend the semester developing proposals to address the problem. At the end of the course students will present their proposals to Suffolk University's sustainability committee, and will exhibit their websites and visual aids in the Donahue lobby to educate the Suffolk community about sustainability. If their proposals are well-researched and well-communicated, students can see their ideas actualized while they are still undergraduates.

- **SF-198 Music and the Brain**

Credits:

4.00

Description:

What accounts for the power of music to move us so profoundly? This course explores how our brains and music evolved together: What music can teach us about the brain, what the brain can teach us about music, and what both can teach us about ourselves.

- **SF-199 Unfolding the European Union**

Credits:

4.00

Description:

The EU is a powerful political, economic and cultural block that is meant to play a major role, together with the USA and China, in the creation of a new post-crisis world order. The seminar is intended to cover, at a basic but reachable level, the history, the politics, the culture and the functions of the EU in the beginning of the Twentieth Century. An extraordinary experiment of sociopolitical engineering, comparable to that of the United States of America, the EU has been changing the life of an increasing number of Europeans for over 50 years. No American student could afford to ignore the inner structure as well as the particular peculiarities of such inclusive supranational organization in today's world. Issues as institutional functioning, problems derived from individual state sovereignty, economic coordination to face common challenges, cultural integration, future enlargement, etc. are all indispensable to understand the way in which Europe is changing. But also much more day-to-day issues, such as travel mobility, education exchange programs, citizen's participation, supranational networks of people in the arts or in business, unified labor market, gender participation, human rights, consumer's protection, etc. are all in the process of developing a more robust and functional European Citizenship.

- **SF-1110 Decoding Boston: Signs and the City**

Credits:

4.00

Description:

This interdisciplinary seminar will explore the buildings, monuments, sites, and signs around Boston from the point of view of Visual and Culture Studies. In addition to providing a compelling introduction to the history, major landmarks, and culture of the city, the seminar is specifically intended to improve students' visual literacy: that is, their awareness of their visual environment and their ability to critically analyze the rhetoric of the spaces, buildings, and images with which they are surrounded.

Type:

Local Engagement Experience

- **SF-1122 The Ethics of Peace and War: From The Ancient World to the Present**

Credits:

4.00

Description:

This course will explore historical, ethical and political issues concerned with matters of peace and war. We will examine a variety of different texts: religious, historical, philosophical and literary, but the main emphasis will be philosophical justifications for war and philosophical visions of just peace, with an eye to contemporary questions in the War on Terror. To the extent that we use non-philosophical texts, this will be in the service of focusing the imagination on the philosophical issues and applying theoretical frameworks to historical events.

- **SF-1127 The Vietnam and Iraq Wars: Polarized Perspectives**

Credits:

4.00

Description:

This class will examine some of the many controversies surrounding the Vietnam and Iraq Wars, two conflicts that have been profoundly polarizing for the American people. There are widely divergent perspectives regarding the fundamental questions surrounding each war. Were the reasons for American involvement just? To what extent were the methods used by the United States military during each war just? To what extent did the media play an appropriate role before, during, and after each war? Did opposition to these wars serve primarily to benefit the enemies of the United States or did it constitute a form of patriotism and love of country? This interdisciplinary course will address these and other complex questions by examining the histories, literature, and films (both documentaries and dramatic) that have been produced in response to these wars.

- **SF-1128 Sustainable Media**

Credits:

4.00

Description:

Contrary to a popular perception that information, communication and entertainment technologies are clean, ecologically benign and paperless, the reality of an increasingly digital life is that our fascination with the next best thing in mobile phones, video game consoles, personal computers, digital cameras, tablets, etc., has devastating impacts on our environment. These media devices are manufactured using toxic ingredients in poisonous working condition, require an abundance of energy to operate, and create hazardous waste when disposed. Media technology companies and the advertising industry that markets their wares have successfully persuaded consumers to accept rapid obsolescence and to highly anticipate the latest upgrade. But some consumers, electronics manufacturers, policy makers, and environmental groups are working to change the culture of consumption in favor of sustainable media practices that lessen the environmental footprint of the digital devices we use everyday. The purpose of this course is to understand the problem of unsustainable media, and the possible solutions for a sustainable media system.

- **SF-1129 Beacon Hill: Fact, Fiction, and Fantasy**

Credits:

4.00

Description:

The course will explore the physical geography, history, and image in literature, film, and pop culture of Suffolk University's Beacon Hill neighborhood. The purpose and objective of the course is to provide students with a deep knowledge, understanding, and appreciation of Beacon Hill through examination of written and visual sources, and feet-on and eyes-on experience of the public parts of the Hill.

Type:

Local Engagement Experience

- **SF-1133 Problems and Solutions in Early American History**

Credits:

4.00

Description:

This course will examine four major problems in the early American republic: forming a government; bridging vast distances on the American continent; slavery; international relations. We will explore the various proposed solutions to these problems. Some of the solutions worked well, others were more disastrous than the initial problem. We will read primary documents pertaining to these issues, and try to imagine how men and women considering the problems might have responded to them. What solutions could be proposed? What solutions would work? What were the political, economic, or social difficulties generated by the problem and by the proposed solutions? In considering the problems, we will also learn how to use the various archives close at hand: the Sawyer Library, the Boston Public Library, the Massachusetts Historical Society, and the Massachusetts State Archives. Students will also post their findings on a class blog, and present their work to one another in class.

- **SF-1134 The Meaning of Life**

Credits:

4.00

Description:

What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? This award-winning course offers a cross-cultural,

interdisciplinary exploration of these questions through philosophical and religious texts, art, fiction, autobiography, and psychological studies. The course opens with the Old Testament's book of Ecclesiastes, followed by three units: 1) A Life Worth Living: Humanity's Ideals focuses on the ancient and modern visions of human flourishing; 2) Threats to Meaning: Humanity's Discontents, discusses the disillusionments leading to the loss of meaning; and 3) Recovery of Meaning: Crises and Hopes, explores the post-crisis possibilities of self-discovery and growth. Please visit <http://meaningoflife.cherkasova.org/>

- **SF-1135 Women Warriors: Stories of Captivity, Conversion, and Confession**

Credits:

4.00

Description:

Since the beginning of time, women have been doing battle to themselves, while men have gone to battle against others. Whether it is through converting to Christ, yielding to captors in order to survive, or carrying a baby, this course introduces students to the many ways in which, whatever battles they face, women are warriors; they survive. Utilizing an array of captivity, conversion, and confession narratives by women, and pairing them across the centuries, students will make connections and draw conclusions between early-and mid-19th-century-American and contemporary women. Students will connect, for example, the trials of the 17th-century Puritan captive, Mary Rowlandson, and contemporary hostage, Elizabeth Smart, to explore how women (no matter how different they seem) draw upon unique inner resources to survive.

- **SF-1141 Classical Civilizations: Pathways to Wisdom**

Credits:

4.00

Description:

How is it that the knowledge, intelligence, wisdom and values of the Greeks and Romans still educate and edify the world by providing venues towards leading fulfilling and dignified lives? The guiding principles of their respective civilizations rested upon eight pillars: - Humanism: It was recognized that humans have the potential to master their world and live life to the fullest. -The Pursuit of Excellence: To imagine the highest good and strive to attain it. - Self Knowledge: It is imperative to know oneself before seeking to know the world. - Rationalism: Always question, reason and discern truth from falsehood and never consider any matter superficially. - Restless Curiosity: Often the resolution of one issue leads to the revelations of others mysteries and pursuits which compels further investigation. The wise individual makes this a lifelong endeavor. -Love of Freedom: As long as one brings no harm to others, one must be free to live and discover as much as possible. - Individualism: All are unique and, therefore, must recognize individual strengths and identity. -The Practice of Moderation: The prudence of avoiding extremes in personal and social conduct. In this course, students will read two (brief) texts on the Greek and Roman contributions to the world and then will proceed with specific readings which illuminate the eight principles above for achieving the good life.

- **SF-1143 In the First-Person: Storytelling in the 21st Century**

Credits:

4.00

Description:

This section of the Seminar for Freshmen will consider the forms, venues, and impacts of narrative nonfiction in contemporary culture. From the exploding popularity of personal essays in the digital age to the living, evolving essays we create on social media, we are constantly narrating and archiving our lives, shaping their content for specific audiences. In doing so, we shape what our experiences mean and represent. In order to analyze the power of narrative nonfiction, we will look at a variety of multimodal texts: essays, podcasts, Instagram and Twitter feeds, stand-up comedy, and storytelling slams, as well historical texts such as the essays of Michel de Montaigne and historical artifacts at the National Archives in Boston. We will also write our own narrative nonfiction, and adapt our first-person stories for listening and viewing audiences, such as the MassMouth story slam and podcasts like This American Life. Additionally, we will practice narrative nonfiction for professional audiences, using storytelling as a way to showcase personal strengths to employers, internship coordinators, and the like.

- **SF-1144 Native Americans: Walking in Two Worlds?**

Credits:

4.00

Description:

Native Americans are often described as walking in two worlds, as they attempt to navigate the process of maintaining their tribal identity and heritage while living in mainstream America. In recent years there has been a shift towards tradition and heritage, and a rejection of Western values and norms in both the US and Canada. In this course we will look at how Native people live in the US and Canada today, and examine the extent to which they are either trying to walk in two worlds or perhaps rejecting the two worlds model. To help us answer this question, we will read about reservation life, the Idle No More Movement, Indigenous History, and current events. We will also watch videos and explore indigenous culture.

- **SF-1145 Emergence of Southeast Asia**

Credits:

4.00

Description:

Explores the eleven countries and 600 million people of Southeast Asia starting with foundations- geography and environment- and then looking at the human imprint, in the form of the history, religions, and cultures of the region. An examination of contemporary issues related to demography, politics, and (especially) economics.

- **SF-1146 Fido the Friendly Wolf: A Natural History of Dogs**

Credits:

4.00

Description:

This course explores the evolution of dogs from wolves and the ways in which dogs have adapted to their niche in human society. The ecology, behavior, genetics, and adaptations of dogs will be explored in relation to both their wolf ancestry and artificial selection by humans. The course includes 2 mandatory field trips to a wolf sanctuary and an animal shelter.

- **SF-1147 Global (In) Security: From ISIS to Ebola**

Credits:

4.00

Description:

This course reviews the principal features of global and national security as it is currently practiced by tracing the evolution of theories, policies and circumstances whereby current international security is developed. Students will evaluate the nature and origins of war, arms proliferation, military instability, terrorism, genocide, health threats and natural resources depletion.

- **SF-1148 Brave New Worlds**

Credits:

4.00

Description:

Explores themes of adventure, self-discovery, exile, and culture shock in classic and contemporary travel writing (including fiction, poetry, and non-fiction) as well as film. Students will experiment with creative writing of their own, develop theories of cosmopolitan world citizenship, travel through the city of Boston on field trips, and team up to learn about different countries in Suffolk's global network of study abroad programs.

- **SF-1150 Religion in Contemporary Society**

Credits:

4.00

Description:

This course is design to provide students with an overview of the social settings and cultural meanings of religion in the contemporary world. Topics that will be covered in reading and discussions include the rise of religious fundamentalism, religion and violence, women's and men's religious experiences, new religions, and portrayals of religion in popular films. In addition to the readings, students will observe and experience religious expressions and activities through fieldwork assignments. The emphasis on films and fieldwork reflects my belief that religion is made up of lived experiences of actual individuals and communities. In order to understand religion in contemporary society we will make every effort to see (in person or in film) a wide range of religious activities. The films we will see include some of the following: Leap of Faith, Devil's Playground, Kadosh, Women of Hizballah, Singing Stream, A Still Small Voice.

- **SF-1151 Reproduction and Society**

Credits:

4.00

Description:

This course explores relationships between reproductive health and rights both nationally and internationally. Many of our topics fit into two broad areas: conflicts over the control of childbearing (sterilization abuse, birth control, and abortion) and conflicts over who deserves to be a mother, especially when the mothers in question face social stigma and lack political power. Other topics include safe birth and maternal mortality, breastfeeding, infertility and reproductive technology. We also examine the politics of women's sexual and reproductive autonomy, including the policies that shape women's choices to prevent, achieve, abort, or carry to term a pregnancy. Throughout, we are guided by the following questions: Why is reproduction an important site through which to understand society? How do statuses such as race, class, gender, sexuality and ability influence people's reproductive possibilities? What is the role of the state in shaping these experiences? How have communities supported or resisted efforts at reproductive control? Why is reproductive justice central to these answers?

- **SF-1152 The Idea of America: Past, Present, Future**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. The course will also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. Because this course intends to apply theoretical understanding to real life, students will be expected to read contemporary journalism on a regular basis and assess the controversies of today in the light of the nation's philosophical and historical currents.

• SF-1153 Law, Disease, and Public Health

Credits:

4.00

Description:

This course is about public health law, which is the study of the legal powers and duties of the various systems of government in the United States (federal, state, and local) in collaboration with their partners (e.g., health care, business, the community, the media, and academe), to ensure the conditions for people to be healthy (to identify, prevent, and ameliorate risks to health in the population), and of the limitations on the power of these systems of government to constrain for the common good the autonomy, privacy, liberty, proprietary, and other legally protected interests of individuals. The prime objective of public health law is to pursue the highest possible level of physical and mental health in the population, consistent with the values of social justice. The course will focus especially on public health law in the area of epidemic disease. Case studies will be made of the Great Influenza of 1918 and the origins and spread of the Ebola virus, culminating in an examination of outbreaks of Ebola in the United States.

• SF-1154 Introduction to Visual Studies

Credits:

4.00

Description:

This seminar provides an introduction to Visual Studies, a relatively new interdisciplinary field that examines how images communicate and the roles that they play in society. Students will apply the concepts and techniques of Visual Studies to analyze sites and signs around Boston, such as advertisements, street signs, fashions, newspaper photographs, buildings, and public spaces. Class projects will increase students' awareness of their visual environment and their ability to critically analyze the visual rhetoric that surrounds us and is often used to manipulate us.

Type:

- **SF-1155 The Boston Olympics**

Credits:

4.00

Description:

This class will teach students about the key role that sporting events can play in building a city, building its brand and the politics surrounding the process of these things occurring. Topics may include: urban development in general and the transformation of the industrial to the post-industrial Boston; the way in which cities use events like the Olympics to build their place brands; the way an effort like the Olympics can be used to encourage large scale public investment in longer term infrastructure projects that otherwise might not be justifiable; and the way government works with interest and community groups to try to shape public policy.

- **SF-1156 Thinking About the Insanity Defense**

Credits:

4.00

Description:

This course examines sixteen case examples providing a clear and compelling introduction to one of the most important topics in the relation between public policy and law. This course addresses: the history of the insanity defense; the effects of different standards for determining insanity; the arguments for its retention; abolition, and revision; media and other responses to it; and the controversies around pre and post conviction commitment. The case examples illustrates a variety of outcomes and include individuals who were found not guilty by reason of insanity; found guilty even though mentally ill; and not charged because of mental illness.

- **SF-1157 Germany in Film and History, 1945-2015**

Credits:

4.00

Description:

Since 1945, Germany has had a lot of history to reckon with- and 21st century Germany history through film, newsreels and other archival footage, radio and TV shows, war memorials and museums built since 1945, novels, published diaries, and memoirs. We will also read recent historical scholarship to put these cultural texts in context. Topics include the representation, in film and other texts; of: post-war rebuilding, the German Economic Miracle; the building of the Berlin Wall; radical politics of the 1960s and 1970s; coming to terms since 1945 with Germany's Nazi past and the Holocaust; coming to terms since 1990 with the Stasi and East German past; Ostalgie (nostalgia in the 21st century for some aspects of East German socialism); the multicultural society that is Germany today, with new Turkish, Greek, Russian, Arab, and even Israeli communities.

- **SF-1158 Global Climate Change**

Credits:

4.00

Description:

Conversation about the weather is considered to be the universal icebreaker. Yesterday's sweltering heat, the storm predicted for this weekend, even long-term climate shifts find their way in our daily conversation. Today, however, such casual conversations have an edge to them, because we are realizing that humans play a role in determining the climate shift. In fact, understanding the human fingerprint in the Arctic tundra melting, or a devastating hurricane, has gone well-beyond small talk to become one of the most important challenges our society faces today, and on that is wedded to geopolitics. To meaningfully participate in any dialogue that addresses this challenge people have to be aware of certain key ideas of Physics and Planetary Science. The aim of this course is to provide you with some of the essential facts and pieces of science underlying such questions. This course will enable you to grasp many of the issues that dominate today's political discourse and to develop an informed opinion (your, not our!) for which you can rationally argue.

- **SF-1160 Individuals and Society in the Zombie Apocalypse**

Prerequisites:

CAS Freshmen Only

Credits:

4.00

Description:

The Walking Dead tells viewers that life in the zombie apocalypse requires people to fight the dead, fear the living. Sociologists want to know why we should fear the living. How do individuals come together and try to recreate society for themselves: either to build community or fight other groups? What role do morals and values have in a society? How does all of this determine life, death, and the struggles people must face? Questions like

these will give our class a new view of The Walking Dead and can help us to learn more about the society that we live in where so far the dead have remained in the ground.

- **SF-1162 Space Missions: From Moon to Mars and Beyond**

Credits:

4.00

Description:

It is hard to believe that only 60 years ago, our only close-up view of a planetary body was that of Earth. We are truly living in the Golden Age of Space Exploration, when a new mission every few years brings us spectacular images from either a neighbor in the solar system or galaxies at the edge of the universe. This course will describe the dozen space missions that changed our view of the universe, ranging from our solar system to the most distant galaxies.

- **SF-1163 Spellbound! Witches, Wizards and Spirits In American Literature**

Credits:

4.00

- **SF-1164 Reinventing Europe: Beyond Brexit and Secular Stagnation**

Credits:

4.00

Description:

While newspaper headlines focus on the multiple problems Europe is facing today, the evolving adaptation of European nation states and the integration process receive less attention. Brexit and economic crises seem to be synonymous of Europe today, but facts such as the European Union accepting five new members in the coming five years or Europe being the most advanced environmental actor or the main international provider of official aid are often ignored by public opinion. This Seminar for Freshman examines the dynamic evolution of the integration process in Europe in the context of globalization. Three sections articulate the main debates and tensions in the interplay between national and supranational institutions and policies. The first part analyzes how eight European countries have forged their national preferences to delineate their level of immersion in the integration process; it later proceeds with the examination of the main historical events in the history of the integration process. The second part explores the functioning of the EU institutions in order to grasp the essence of the complex policy-making in the Europe of 28 members. The third and

final section presents the analysis of the main areas of the EU policy making such as agriculture, monetary and economic issues, among others, and observes the main developments in the area of EU external relations.

- **SF-1165 History of Boston**

Credits:

4.00

- **SF-1166 Cinema-Monde: Global Challenges on Film**

Credits:

4.00

Description:

This course focuses on French-language films - with subtitles! - that address pressing social issues of the 20th and 21st centuries, such as hunger, female genital mutilation, immigration, racism, economic inequality, genocide, gender, sexuality, colonialism and post-colonialism.

- **SF-1167 Fantasy Fiction: Imaginary Worlds**

Credits:

4.00

- **SF-1168 The Real Thing: the Pursuit and Problems Of Authenticity**

Credits:

4.00

Description:

This course will focus on the concept of authenticity in American culture, from its origins in the early 19th century to the present. When the advertising gurus of Coca-Cola branded it as "The Real Thing," they were exploiting something powerful: the idea of something real, stripped of any falsity or illusion. Humans have always desired to know the world and others as they really are," but this desire is particularly strong in the modern world: witness the eagerness to discover one's true self," cut through the B.S., obtain the genuine article, and live authentically. In this course we will

interrogate this pursuit of the Real Thing. In various ways, the texts we study both embrace authenticity as an ideal and also question its goodness, usefulness, or even its very possibility. We will thus confront a number of interrelated questions: Where does this desire for authenticity come from? What counts as authenticity," in life and in art? Is authenticity really a virtue to live by? How does it shape artistic and literary expression? Is there even such a thing as the real you This course will be divided into three units. In the first unit, Counterfeiters and Self-Made Men," we will study how a commitment to authenticity arises in antebellum American literature and culture during a time of rapid national expansion and invention. Readings will include texts by Henry David Thoreau, Ralph Waldo Emerson, Herman Melville, and P.T. Barnum. In the second unit, Authenticity and Contamination,"we will consider two major ways in which authenticity becomes idealized around the turn of the 20th century: as artistic ideal set against fears of mass cultural production, and as a cultural ideal set against fears of racial and cultural mixing. Readings will include texts by Ernest Hemingway, Nella Larsen, Jean Toomer, and William Carlos Williams. In Unit Three, Buying and Selling Authenticity," we will examine how authenticity becomes commodified (

- **SF-1169 Immortality: Real and Imagined**

Credits:

4.00

Description:

Most of the world's religious traditions have as a part of their doctrines some notion of immortality, rendered both in scriptures as well as iconographically. What precisely is entailed by immortality and why does it constitute such a significant element of so many religious traditions? What can we learn about immortality by investigating various conceptions of the afterlife? Is immortality truly a desirable thing? These questions among others will be examined from the perspectives of philosophy, religion, psychology, anthropology, and biology. Besides being cross-disciplinary, the course will be multi-media in nature. In addition to reading philosophical and religious texts concerning the nature of immortality, students will study various accounts of immortality and the afterlife, examine how the afterlife has been dealt with in (visual) art, literature, and film, and investigate current research into life prolongation (biomedical gerontology).

- **SF-1170 From Philia to Facebook: the Meaning of Friendship**

Credits:

4.00

Description:

The thematic focus of this seminar will be friendship. Friendship is one of the most important of human relationships; one that every student in this seminar has already participated in for many years. It shapes who we are and helps determine who we may become. And while it is a universal phenomenon, it has been practiced quite differently at various times and places in human history. And while we all have an intimate, personal and practical knowledge of friendship through our own experiences, sometimes things that are so close and so obvious to us can be hard to see. Over the course of the semester we will inquire into friendship from many different angles, trying to gain both a broader and a deeper understanding than our

own individual experience allows. We will look at friendship first through the lens of philosophy, particularly through the foundational text of Aristotle, The Nicomachean Ethics. We will look at other views of friendship from the ancient world, starting in the past to help us see that friendship has not always been thought of the way we think of it now. After this initial foundation is laid, we will examine other writers and thinkers and take up additional topics like friendship in different cultures, friendship and gender, friendship in and through the arts and include an examination of friendship through the lenses of many different academic disciplines to see how other systematic thinkers conceive of friendship. All along we will be comparing and contrasting with our own personal experiences and considering what modern technology, such as social networking sites, has done to influence friendship, in the way we practice it and the way we conceive it. It is the aim of this class that students not just study different academic points of view, but that they take up the questions and challenges that these thinkers present to them and fully engage with them on a meaningful personal level.

- **SF-1171 Living on and Beyond the Hyphen/Latino Writers in the USA**

Credits:

4.00

Description:

Hyphenated-Americans of Latino origin come from many places and backgrounds. Often perceived as a divide, an either/or that separates and distinguishes one ethnic group from another, the hyphen can also be viewed as a link that connects, integrates and facilitates the formation of new cultural spaces. Through films and written narratives by and about U.S.A. Latino(a)(x)-Americans, students will examine how individuals who live on the threshold between two languages and cultures embrace the challenge of preserving their own identity and moving beyond stereotypes. Each of the Latino/a/x authors that we will read in this course will describe his/her own experiences living in the U.S.A. By examining their views through our own filtered lens we shall try to answer questions like the following: 1. What role does language have in our definition/understanding of cultural identity? 2. How do individuals move beyond the hyphen and stop seeing themselves as hybrids? 3. How can an individual who does not belong to a marginalized group (i.e. one considered less powerful and secondary) understand and empathize with those who do? 4. How does globalization affect the dichotomies that arise in bi-cultural and multi-cultural communities?

- **SF-1172 The United States Mexican Border**

Credits:

4.00

Description:

One hundred and sixty nine years have passed since the Treaty of Guadalupe Hidalgo was signed. It is only fitting to analyze the profound changes that the gain/loss of these territories caused for the citizens of both sides of the border. This course will explore the literature, culture, and history of the United States-Mexican Border and the most pressing problems pertaining to the region. Emphasis will be on contemporary border theater and film. The works of Salcedo, Galindo, Lopez and others will be studied as well as contemporary films and documentaries such as Alambriata, Senorita Extraviada, The Gatekeeper, Sin Nombre, Wetback: the Undocumented Documentary, Victoria para Chino, Which Way Home, and much more. There

are no prerequisites for this course. Though the course is conducted in English, parallel readings in Spanish will be made available to those who wish to read and/or compare the original texts.

Students in the CAS Honors Program should choose one Seminar for Freshmen course from those listed below:

- **SF-H101 Fixing the World- Energy and Water: The Science of Solutions**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

Two of the most daunting challenges the world faces (or will face) is how to provide for both its growing energy needs and potable drinking water. Regular news events include climate change, droughts, flooding, and petroleum struggles. Human nature often requires a severe crisis before it responds. This course will investigate the historical science driving the use of energy since the Industrial Revolution to convert energy resources into work, including the steam engine, the electric motor, and the internal combustion engine. It will also consider alternative energy options to fossil fuels, such as solar, wind, geothermal, and ocean power. Along the way we will consider the evidence for Global Warming and Climate Change. We will look into human nature, simple life styles, conspiracy theories, and the influence of those in power to shape human opinion. We will also consider how our water supply is provided and where it goes after being used. What options do developing countries or drought racked areas have to remedy their water needs? Although the course pursues a scientific understanding of these issues, the mathematics used will be gentle, and a larger emphasis will be placed on the intuitive appreciation of these concerns.

- **SF-H116 Enlightened Insanity**

Prerequisites:

CAS Honors students only.

Credits:

4.00

Description:

Rain or shine, the great 18th century Enlightenment philosophers would meet at the famous cafes of Paris to discuss their ideas, and to observe and criticize society. From these informal debates emerged ideas that are at the core of our modern understanding of the nature of society, marginality, human nature, civil rights, the essence of creativity and genius. Come join us in the quest to understand, define, observe, and analyze the key ideas and concepts of these great thinkers, such as Rousseau, Diderot, and Voltaire, still so relevant in our time. We will read key works of these creative thinkers and philosophers. We will enrich our experience and understanding through the use of film, theatre performances, museum visits, as well as the occasional cafe debate.

Type:

Honors

- **SF-H126 The Boston Theatre Scene: The Inside Experience**

Credits:

4.00

Description:

Using the current Boston theatre season as its syllabus, this writing- and analysis-intensive course will explore several plays in production at some of Boston's many professional theatres. We will study the script of four to five plays before attending performances of those works. Students will gain insights on the world of theatre through backstage tours and conversations with theatre professionals such as producers, directors, actors, designers, playwrights, and critics. Students must be available for evening (usually Wednesday) performances. A fee for student-rate tickets will be assessed.

Type:

Honors

- **SF-H178 Sacred Hoops & Sneaker Pimps: Understanding the American Hoop Dream**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This course is about the basketball hoop dream played out at the high school and college levels. We will study a wide variety of materials - novels, films, websites, reference works - to understand both the construction, and destruction, of the hoop dream in such diverse places as New York City, Seattle, rural Indiana, suburban Georgia, and the Wind River Reservation in Wyoming. Issues of race and culture will serve as guiding themes as we develop critical theory explaining why the hoop dream has persisted, and adapted, over time, to fit the needs of its believers and supporters.

Type:

Honors

- **SF-H182 Heroes, Antiheroes and Outsiders: Reading the Graphic Novel**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

How is it that comics", a genre often viewed as entertainment for children and adolescents, has become one of the most exciting forms of narrative and visual art? To answer this question, this seminar will examine a range of graphic novels, from those that celebrate their origins in superhero comics, such as Alan Moore's *Watchmen*, to those that treat subjects not usually considered proper to the comics genre, such as Art Spiegelman's *Maus*, about the Holocaust, and Alison Bechdel's *Fun Home*, about the complexities of sexual identity. As we read these works, we will look at how the combination of words and still images makes the graphic novel a unique storytelling form, as well as how artists and writers push the envelope to create new styles and challenge our expectations. In addition to class discussions and writing assignments, we will take a field trip to the Museum of Fine Arts and create a collaborative group graphic novel step-by-step over the course of the semester (all abilities welcome).

Type:

Honors

- **SF-H197 Sustainability, Energy, and Technology At Suffolk University**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

In this project and team-based course, students study a sustainability problem at Suffolk University and spend the semester developing proposals to address the problem. At the end of the course students will present their proposals to Suffolk University's sustainability committee, and will exhibit their websites and visual aids in the Donahue lobby to educate the Suffolk community about sustainability. If their proposals are well-researched and well-communicated, students can see their ideas actualized while they are still undergraduates.

- **SF-H1134 The Meaning of Life**

Prerequisites:

CAS honors students only.

Credits:

4.00

Description:

What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? This award-winning course offers a cross-cultural, interdisciplinary exploration of these questions through philosophical and religious texts, art, fiction, autobiography, and psychological studies. The course opens with the Old Testament's book of Ecclesiastes, followed by three units: 1) A Life Worth Living: Humanity's Ideals focuses on the ancient and modern visions of human flourishing; 2) Threats to Meaning: Humanity's Discontents, discusses the disillusionments leading to the loss of meaning; and 3) Recovery of Meaning: Crises and Hopes, explores the post-crisis possibilities of self-discovery and growth. Please visit <http://meaningoflife.cherkasova.org/>

Type:

Honors

- **SF-H1135 Women Warriors: Stories of Captivity, Conversion, and Confession**

Credits:

4.00

Description:

Since the beginning of time, women have been doing battle to themselves, while men have gone to battle against others. Whether it is through converting to Christ, yielding to captors in order to survive, or carrying a baby, this course introduces students to the many ways in which, whatever battles they face, women are warriors; they survive. Utilizing an array of captivity, conversion, and confession narratives by women, and pairing them across the centuries, students will make connections and draw conclusions between early-and mid-19th-century-American and contemporary women. Students will connect, for example, the trials of the 17th-century Puritan captive, Mary Rowlandson, and contemporary hostage, Elizabeth Smart, to explore how women (no matter how different they seem) draw upon unique inner resources to survive.

Type:

Honors

- **SF-H1146 Fido the Friendly Wolf: A Natural History of Dogs**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This course explores the evolution of dogs from wolves and the ways in which dogs have adapted to their niche in human society. The ecology, behavior, genetics, and adaptations of dogs will be explored in relation to both their wolf ancestry and artificial selection by humans. The course includes 2 mandatory field trips to a wolf sanctuary and an animal shelter.

Type:

Honors

- **SF-H1148 Brave New Worlds**

Prerequisites:

Restricted to CAS Honors students

Credits:

4.00

Description:

Explores themes of adventure, self-discovery, exile, and culture shock in classic and contemporary travel writing (including fiction, poetry, and non-fiction) as well as film. Students will experiment with creative writing of their own, develop theories of cosmopolitan world citizenship, travel through the city of Boston on field trips, and team up to learn about different countries in Suffolk's global network of study abroad programs.

Type:

Honors

- **SF-H1152 The Idea of America: Past, Present, Future**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. The course will also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. Because this course intends to apply theoretical understanding to real life, students will be expected to read contemporary journalism on a regular basis and assess the controversies of today in the light of the nation's philosophical and historical currents.

Type:

Honors

- **SF-H1161 The Playwright and the Stage**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This writing and script analysis intensive course will explore plays across a range periods and styles. The scripts of five plays will be studied and we will attend performances of two of those works at professional theatres in Boston. Other activities will range from a backstage tour to conversations with theatre professionals such as producers, directors, actors, designers, playwrights and critics, in order to lift the script off the page and provide a living experience of theatre. Requires students to be available for evening (usually Wednesday) performances. A fee for tickets at student rates will be assessed.

Type:

Honors

Major Requirements: 8 courses, 32 credits

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Science in Paralegal Studies

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The ASPS degree requires the successful completion of the following courses:

Core Requirements: 11 courses, 40-41 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Social and Intellectual History](#)

First-Year Writing: 2 courses, 8 credits

- WRI-101 First Year Writing I

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- **WRI-102 First Year Writing II**

Prerequisites:

WRI-101 or ENG-099 with at least a B and ENG-P099 with a P or WRI-H103

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

A student may be assigned to other writing courses or may be invited to take WRI-H103. Students required to complete ENG-099 may be allowed to waive WRI-101 with a grade of “B” or better and the approval of the English department. Students who are invited to complete WRI-H103 and earn a “B” or better satisfy the two Writing Requirements. Waiving a course does not earn credits.

- **WRI-H103 Advanced First Year Writing**

Prerequisites:

By Invitation Only.

Credits:

4.00

Description:

This course is by invitation only and reserved for incoming Suffolk students with high admission scores. Advanced study and practice of writing process, revision, and research, based on close readings of a variety of texts. Fall semester only.

Type:

Honors

Major Requirements: 8 courses, 32 credits

Minimum Total Credits Required for Degree Conferral: 64 credits



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- [Social Science](#)
- [Social and Intellectual History](#)

Math: 1 course, 4 credits

Choose one Math course from those listed below:

- MATH-128 Math for the Modern World

Prerequisites:

MATH level 2, or Mathshop, or MATH-104

Credits:

4.00

Description:

From the ISBN on a book, to buying a car, from the size of small chips in a cell phone, to the size of the national debt, or just reading a graph in the daily newspaper, mathematics plays an important and vital role in countless areas of life and your future career and courses included. Mathematics is both an art and a tool created by humans. The common bond is a way of thinking and a way of reasoning to describe and solve problems of many types. This course uses the context of modern real life problems to introduce math needed for literacy and problem solving in contemporary life and work. It uses a minimal amount of algebra and focuses on math models, concepts and basic math manipulations. It encourages students to move from anxiety about math, to using formulas well, to thinking critically in the math context to use math to solve problems and pose new problems. Topics include scientific notation, basic financial math, linear, exponential and polynomial models and an introduction to probability. (Formerly Math 132)

- **MATH-130 Topics in Finite Mathematics**

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-132 Math-Art, Tool and Human Side**

Prerequisites:

MATH-000 or appropriate Math Placement Exam score. Course does not fulfill math requirement for SBS majors.

Credits:

4.00

Description:

Mathematics is both an art and a tool. It has been used in many ways in contemporary and ancient society. The common bond is a way of thinking and a way of using reason to solve problems and describe things of all sorts. The course is designed to cultivate an appreciation of the significance of mathematics in daily life and develop students' mathematical reasoning. Topics will vary from section to section. Examples of topics that might be included are: the real meaning of a newspaper graph, methods to tally votes, fair division, routes and networks, consumer mathematics, the 'real' cost of a house, shapes and patterns, fractals, soap film surfaces, prime numbers and encryption, new discoveries in mathematics.

• MATH-134 Calculus for Management & Social Sciences

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

• MATH-164 Calculus 1 Bridge With Trigonometry

Prerequisites:

Permission of Instructor

Credits:

4.00

Description:

This course provides an alternative to MATH 165 (Calculus I) for those students who have taken MATH 134 (Calculus for Management and Social Sciences) but who do not have the trigonometric precalculus prerequisite (such as MATH 121) for MATH 165. In other words, the sequence MATH 134 / MATH 164 serves as an alternative to the sequence MATH 121 / MATH 165, and similarly prepares students to take MATH 166 (Calculus II). The course includes a thorough review of trigonometry and other precalculus topics. Aspects of limits and differentiation which students have already seen in MATH 134 are presented briefly, but in most cases with more emphasis on conceptual understanding, and often illustrated using more complicated examples. New calculus topics (i.e. not covered in MATH 134) include one-sided limits, special trigonometric limits, differentiability, derivatives of trigonometric functions and their inverses, derivatives of general inverse functions, logarithmic and implicit differentiation, related rates, L'Hopital's rule, intermediate values theorem, Rolle's theorem, mean values theorem, Newton's method, and linearization. 4 lecture hours plus 1 recitation session each week. Normally offered in spring.

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

Major Requirements: 8 courses, 32 credits

Minimum Total Credits Required for Degree Conferral: 64 credits



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- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Social and Intellectual History](#)

Social, Cultural, & Global Perspectives: 1 course, 3-4 credits

Choose one SCGP course from those listed below:

- ADPR-217 Gay and Lesbian Studies

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social, and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions, and social movements.

Term:

Alternates Fall & Spring

- **ADPR-219 Rhetoric of Protest and Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **ARH-205 Gender, Class and Alterity in Ancient And Medieval Art**

Credits:

4.00

Description:

Explores issues of sexuality, gender, race, and social class in the ancient and medieval worlds. Examines key artworks from ancient Greece, the Roman Empire and medieval Europe within historical, social and cultural contexts.

- **ARH-321 Women, Art & Society**

Credits:

4.00

Description:

Surveys women artists from the sixteenth century to the present and examines new direction in art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

- **AS-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Both Fall and Spring

Type:

Asian Studies, Social & Intellectual HST

- **AS-500 Asian Studies Internship**

Credits:

4.00

Description:

Engages in an internship in a business or non-profit organization that deals with Asia or an Asian American community. Students may complete the internship either in Asia or in the U.S. Students will complete appropriate exercises and reports to document their learning. (1 course, 4-12 credits; can be taken multiple times in different semesters)

Term:

Offered Both Fall and Spring

Type:

Global Engagement Experience

- **BLE-325 Global Business Ethics**

Prerequisites:

BLE-215, PHIL-119, PHIL-120, PHIL-123 or PHIL-127

Credits:

3.00

Description:

Surveys business ethics as they transcend the diverse perspectives of global business. Explores current global ethics standards and values, ethical challenges, controversies, convergence and trends. Students explore famous global business cases through films, websites and independent research. Emphasizes identification and resolution of global business ethical issues within the context of ethical decision-making and sustainability. Analyzes corporate social responsibility ; hence, transforming global business ethics through business.

Type:

Global Engagement Experience

- **BLKST-250 Haiti, Guadalupe and Martinique**

Credits:

4.00

Description:

This course explores the rich intellectual tradition of Haiti, Guadeloupe, and Martinique by considering historical moments linked to colonialism, the abolition of slavery, the representation of gender, departmentalization, and decolonization through essays, films, poems, novels, and short stories by critics and writers from the 19th-21st centuries.

- **CI-204 Prague: Castles to Barbwire**

Prerequisites:

At least 24 credits earned.

Credits:

3.00

Description:

Prague offers students a more recent view into history and will serve as a backdrop to learning Design Thinking. The curriculum will use Czech and Central European cultural features as the inspiration for learning the creative process, skills that can be applied broadly and globally across disciplines. WWII and its fall to Communism left the Czech Republic undamaged. Artists played a vital part in the country's rise to a Republic during the Velvet Revolution. These dissidents, including writers, actors, artists and musicians were innovators who were the catalyst for change. One could say that creative minds changed this country. This course is designed to demystify the creative process by introducing the creative practice as a disciplined approach to problem solving and innovation requiring research. This one-month study abroad experience will offer a more worldly insight to the significance of developing skills where divergent thinking and risk taking are one of many key tools in learning to generate new ideas. Travel fee covers accommodations, transfers, some meals and cultural visits. Airfare and tuition not included.

Type:

Creativity and Innovation, Global Engagement Experience

- **CJN-216 Intercultural Communication**

Credits:

4.00

Description:

An examination of communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures.

Term:

Offered Both Fall and Spring

- **CJN-225 World Cinema**

Credits:

4.00

Description:

An introductory course in film studies with a focus on foreign films. Movies studied include masterpieces of cinema from Europe, Asia, the Middle East, and other nations (Films have subtitles).

Term:

Alternates Fall & Spring

- **CJN-281 Asian Popular Culture**

Credits:

4.00

Description:

Students critically analyze Asian popular culture since the 1980s using a cultural ethnographic approach. Students apply the lenses of gender, identity, globalization, and business strategies to examine pop phenomena such as Korean Wave, Cool Japan, and Cantonese popular music.

Term:

Occasional

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

By examining the film texts of Hong Kong auteurs such as John Woo, Wong Kar-wai, Tsui Hark, Andrew Lau, and Alan Mak, the course examines issues such as film genres, colonization/decolonization, transnational political economy, the Greater Chinese media market, and the diaspora.

Term:

Occasional

- **CJN-301 Documentary Film and the Image of Conflict in the Middle East**

Credits:

4.00

Description:

The course focus is on some of the divisions and conflicts within Israeli society. Students analyze and compare mainstream media discourse to alternative representations in documentary film. Analysis also covers media representation of the Israeli-Palestinian conflict.

Term:

Occasional

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

A critique of the circulation of media goods and ideologies from both a cultural and political/economic perspective. Topics include global Hollywood, the images of Muslim women in transnational media, the information society, and global social movements.

Term:

Offered Spring Term

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Asian Studies

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **ENG-124 Great Books of the World II**

Credits:

4.00

Description:

This course will introduce students to a selection of Great Books from around the world from the 17th century to the 21st, such as Don Quixote (Spain), Madame Bovary (France), The Communist Manifesto (Germany), The Origin of Species (England), War and Peace (Russia), On Dreams (Austria), Night (Hungary), Things Fall Apart (Nigeria), Satyagraha (India), I Am Prepared to Die (South Africa), Saeed the Pessoptomist (Israel), The Rouge of the North (China), and The House of Spirits (Chile). Readings may vary at the discretion of the instructor.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **ENG-135 World Literature in English**

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

- **ENG-362 Asian American Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continues to review grammar, practice speaking, and explore authentic cultural and literary texts in this writing-intensive course. Examines short readings, films, and print media.

Term:

Offered Spring Term

Type:

Modern Language

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

Explores the francophone world through the study of short stories, print media, and film, by engaging with the rich textured and diverse francophone literary canon. Teaches advance notions of French grammar, write compositions, and the art of conversation related to cultural themes.

Term:

Alternates Fall & Spring

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

Masterpieces of French and Francophone Literature in English Translation. Studies works translated into English by major authors from the Middle Ages to the present. Explores drama, fiction, and poetry from many regions of the world: Africa, Western Europe, North America, the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Studies in Literature

- **GVT-208 Politics / Religion**

Credits:

4.00

Description:

This course explores what major religions say about the status and responsibilities of the state and how, in turn, selective states have, in theory and practice, structured the place of religions in political life. Particular attention is given to issues of politics and religion in the United States. Cultural Diversity A

- **GVT-115 Evolution of the Global System**

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

Type:

Human Behavior & Societies

• GVT-281 Intro to Comparative Politics

Prerequisites:

GVT 110, GVT 115, and GVT 120 or consent of instructor; Sophomore status or higher

Credits:

4.00

Description:

This course examines various methods of comparing political systems. Institutions such as executive departments, legislatures, court systems and local governmental systems are examined comparatively. It includes analysis of the impact of different economic systems on political/governmental institutions, and on economic circumstances that impact government. It also looks at political socialization both in terms of process and comparative content. An effort is made to include countries from all regions of the world. Normally offered every year.

• GVT-359 Hockey, International Development & Politics

Credits:

4.00

Description:

This class examines the way in which national identity, global and regional economics and international development intersect. It uses the professionalization of the sport of hockey and its subsequent spread around the globe as its case. It will look at the rise of the pro game, the way in which it shapes national identity in the Canadian case, the way in which the pro business model has changed in response to broad socio-economic changes in North America and geo-political shifts around the globe, especially in Eastern Europe and the Former Soviet Union.

- **GVT-360 Elections and Voting**

Credits:

4.00

Description:

How are elections administered in the United States? Do Americans have confidence in the electoral process? Should they? Why or why not? This course will examine elections in the United States in detail -- from how they are funded to how they are administered to how voters behave. Students will have a choice of either serving as poll workers during the November election or organizing and conducting research of potential voters. Students will gain hands-on experience in actual research design, election administration, and non-partisan get-out-the-vote activities. In addition, students will gain a deeper understanding of the relationship between attitudes, opinion, and voting behavior in American politics and institutions. ECR

- **GVT-391 Canada: Multicultural Politics**

Prerequisites:

GVT 110/120 or Instructor's permission

Credits:

4.00

Description:

This course examines the Canadian model of incorporating diverse communities into its constitutional and political framework, including the founding British North American Act of 1867, the 1982 Constitution Act, and two later attempts at constitutional reform. Canada's role in balancing two official languages, English and French, is discussed, as is its recognition of a First Nations native-governed territory in the Arctic. This course introduces students to the Canadian polity and compares its parliamentary system with the U.S. separation of powers system. Prerequisites: GVT 110, GVT 120 or instructor's consent. Normally offered alternate years. Cultural Diversity B

- **GVT-467 Comparative Social Movements**

Prerequisites:

Junior status

Credits:

4.00

Description:

How do we explain the appearance or absence of social movements? What social or individual factors explain their development and decline? Who joins social movements? Who does not? Why? What ideas or ideals animate those who do participate? What is it like to be part of a social movement? What effect do they or have they had on politics, power and efforts at social change? These are some of the questions that have traditionally shaped debates over social movements, both domestically and internationally. They will form the analytical core of the work in this course. By critically evaluating several competing schools of thought in social movement theory and history we will attempt to highlight the social forces that have, at varying points in times, facilitated, maintained, as well as blocked the development of social movements in the US and beyond.

- **HST-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, the Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Fall Term

- **HST-246 History of Modern Iran**

Credits:

4.00

Description:

Examines the contemporary history of Persia (Iran) from the time of its independence in the beginning of the sixteenth century to the present with special concentration on geographical/historical background; social structure, ethnic, religious, and linguistic diversities; Safavid and Qajar dynasties; Anglo-Russian interventions and occupations; constitutional revolution and reform; centralization, secularization and modernization under Pahlavi dynasty; opposition to westernization and Islamic revolution.

- **HST-247 History of Modern Middle East**

Credits:

4.00

Description:

Explores the broad historical forces, conflicts and major events that have shaped the contemporary nations of the modern Middle East. Topics include: the emergence of the modern Middle East from the empires of the sixteenth and seventeenth centuries; the age of colonialism; the rise of nationalism; socialism, capitalism; the impact of Israeli and Palestinian conflict on the region; oil, the Islamic Revolution in Iran and the rise of Islamic fundamentalist movements; U.S. policy; and Saddam Hussein's Iraq.

Term:

Offered Fall Term

- **HST-251 Modern East Asia**

Credits:

4.00

Description:

China, Japan, and Korea - East Asia's critical players - share many historical influences, but each has a distinct culture, and they competed with each other for much of the twentieth century, proud of their achievements but feeling threatened by their neighbors. Lectures interspersed with movies and documentaries to show how East Asia has developed in the past one-hundred-plus years.

Type:

Social & Intellectual HST

- **HST-263 Comparative Race Relations**

Credits:

4.00

Description:

Compares and analyzes the history of race and politics in South Africa and the United States from the 17th century to the present. Examines how race as a social and ideological construct influenced and informed political conflicts over land, labor, and social relations in the two countries including slavery, segregation, apartheid, and the struggle to create racial democracies.

Term:

Offered Fall Term

- **HST-268 History of the Mediterranean**

Credits:

4.00

Description:

Explores the history of the Mediterranean from the ancient times to the 20th century, with emphasis on the extraordinary interaction between the rich cultural, ethnic and religious backgrounds of the peoples of Europe, Middle East, and North Africa.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-274 Women in 19TH-CENTURY Europe**

Credits:

4.00

Description:

Explores the condition of European women from 1800 to 1914. Readings focus primarily on women's experiences in France and Great Britain. Topics include: the effects of industrialization on the lives of working-class women; working and middle-class women's negotiation of marriage, work, and family life; the rise of feminism, women's greater participation in the public sphere, and conservative reaction to these changes in women's place in society; women and crime; Victorian ideas about female sexuality; the politics of class and gender in nineteenth-century European society.

Term:

Occasional

- **HST-275 Women in 20TH-CENTURY Europe**

Credits:

4.00

Description:

Examines the changing place of women in European society since 1900. Topics include: women's suffrage and the political advances of the 1920s and 1930s; the revolution in sexual mores, birth control, and the rise of companionate marriage; women and the consumer economy; the anti-woman policies of Fascist Italy and Germany under National Socialism; liberation of women and retrenchment in the Soviet Union; World War II; feminism, sexual liberation, and women's political engagement since the 1960s; and, throughout the twentieth century, women's continuing negotiation of work and family responsibilities.

Term:

Occasional

- **HST-321 History of Islam**

Credits:

4.00

Description:

Presents a coherent account of the origin and history of Islam since its foundation in Arabia in the seventh century A.D. to the present. Analyzes the terms, events, characteristics, developments, movements, and institutions that have been part of the shaping of Islam. Ideological challenges and impact of Islam in the world today from both spiritual and political perspectives are examined.

Term:

Occasional

- **HST-371 U.S. Women's History Colonial to 1865**

Credits:

4.00

Description:

Traces the roles, images and experiences of women in America from colonial times to 1865. Topics include the family, work, religion, education, health care, motherhood, sexuality, social and political activism legal status, labor activism and popular culture. With attention to ethnicity, race, class, age, region of residence, disability and sexual orientation, the course focuses primarily on the everyday lives of ordinary women.

Term:

Offered Fall Term

- **HST-372 U.S. Women's History: 1865-present**

Credits:

4.00

Description:

Examines the social and cultural history of women in the United States from the close of the Civil War to the present. Using not only gender but also race, ethnicity, class, age, disability, region of residence, and sexual orientation as important categories of analysis, this course focuses on women's private and public lives. Topics include the family, work, religion, education, health care, private lives, motherhood, sexuality, social and political activism, legal status, labor activism, and popular culture.

Term:

Offered Spring Term

- **HST-484 History of the Emotions**

Credits:

4.00

Description:

Explores ideas about emotional life from the fields of history, anthropology, sociology, and psychology as well as the evolution of emotion rules and prescriptions, focusing on western Europe and the United States since 1700. In the eighteenth century, emotions were seen as a positive influence on politics and public life, especially during the French Revolution. After the fall of Robespierre, the emotions were banished to the private sphere - so we will read both primary sources and recent scholarship on 19th- and 20th- century ideas about masculinity and femininity, romantic love and marriage, childrearing, and about what parents and children are supposed feel toward each other, how ideas about these subjects have changed over time, and whether our feelings change with them.

Term:

Occasional

- **MUH-223 World Music**

Credits:

4.00

Description:

Covers topics in folk, traditional, and modern music of Africa, the Middle East, Asia, and Europe in the context of the cultures and lives of the indigenous peoples of those regions; examines how music interacts with the issues of race, gender, class, religion, politics, and social movements. Normally offered every other year.

Term:

Occasional

- **P.AD-201 Social Change**

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

- **P.AD-H201 Honors Social Change**

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

Type:

Honors

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

- **PHIL-228 Feminist Philosophy**

Credits:

4.00

Description:

This course is an introduction to the philosophy of feminist thought. Feminist theories of epistemology, metaphysics and morality will be examined as critiques of traditional philosophy,. Feminist perspectives and methodologies include radical, liberal, postmodern, as well as more recent trends in ecofeminism. Special emphasis will be placed on explicit and implicit practices of alienation and exclusion as they have unfolded in the gendering of thought, truth, and reality. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

• PHIL-229 Eco-Feminism

Prerequisites:

PHIL 119, or PHIL 123, or PHIL 127

Credits:

4.00

Description:

Examines the political, social, and ecological problems facing us as a global community. Having its roots in feminist theory and deep-ecology, eco-feminism provides a critical framework for ecological responsibility and accountability. Writings from eco-feminist thinkers and environmental activists around the world will be used to highlight the philosophical and political conflicts and challenges, including globalization and loss of biodiversity, global warming, international human rights, the relationship of gender and nature, and modes of redress for eco-justice and sustainable development.

• PHIL-261 Eastern Philosophy

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-262 Buddhism**

Credits:

4.00

Description:

An historical survey of Buddhist philosophy. We will explore Buddhist origins, central teachings, devotional and meditational practices, ritual and institutions as developed from classical to modern times. Special attention given to the philosophical diversity of the Buddhist world view. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-265 Women in Spirituality**

Credits:

4.00

Description:

An exploration into the various dimensions and ideologies concerning the role of the feminine in relation to the Divine. Belief systems, myths and archetypes from ancient Goddess worship to 20th century feminist theology will be examined in terms of the philosophical content and psychological consequences. Special emphasis will be placed on feminist metaphysical structures for understanding consciousness and Reality. Classes will be conducted by means of lectures, primary and secondary texts and class discussions. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **PHIL-267 Chinese Philosophy**

Credits:

4.00

Description:

A survey of the main developments in Chinese Philosophy. The course begins with the early dynastic concept of humanism and then turns to Confucius and Mencius. Having developed the central Confucian doctrines, students next examine the Taoist response to Confucianism in the writings of Lao Tzu and Chuang Tzu. The course then considers Zen Buddhism, which is called Ch'an Buddhism in China, where it originated. In particular, students study the concept of sudden enlightenment before turning to the Neo-Confucian scholars.

Term:

Occasional

- **PSYCH-243 Organizational Psychology**

Prerequisites:

Take PSYCH-114;

Credits:

4.00

Description:

Focuses on diversity concerns in various aspects of the psychology of the workforce. This includes job analysis, recruitment, selection, evaluation, training, retention, and termination. Employee morale, well-being, stress, and hardiness are considered.

- **PSYCH-247 Asian Perspectives on Health and Work**

Credits:

4.00

Description:

Examines theoretical and empirical approaches that provide insight into Asian viewpoints on socialization practices, family systems, health/well-being, cultural traditions/values, and spiritual philosophy/literature. Explores the diversity among Asian cultures in terms of language, history, religion/spiritual faith, and healthcare practices, all of which play a significant role in shaping the psychological characteristics, interpersonal relationships, and work dynamics of Asians and Asian immigrants. Students critically analyze similarities and differences between Asian and Western psychological perspectives of health and work through didactic and experiential learning components. This course fulfills the Cultural Diversity Requirement and may fulfill the Expanded Classroom Requirement. Normally offered alternate years.

Term:

Offered Spring Term

Type:

Asian Studies

• RS-111 Introduction to World Religions: Western Traditions

Credits:

4.00

Description:

This course will explore the comparative history and structure of Western religious traditions, broadly understood, and their impact on other world religions, while attempting to recognize the similarities and the differences among them. Traditions to be studied include Greek and Roman religion, the monotheistic faiths (Judaism, Christianity, and Islam, as well as Zoroastrianism, Sikhism and Bahaism). We will also explore the impact of the Western religions on indigenous traditions, such as African religion, Native American religion, and Pacific Island religion. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. 1 term - 4 credits. Normally offered every year.

• RS-112 Introduction to World Religions: Eastern Traditions

Credits:

4.00

Description:

This course will examine a variety of Eastern religions, including Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shintoism. Possible connections to be explored will be the impact of these traditions on others, such as Pacific Islands and African religion, as well as the growing place of Eastern religion in the West. This course will explore the history and structure of each tradition, while attempting to recognize the similarities and the differences among them. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. Normally offered every year. Cultural Diversity B

Type:

Asian Studies

- **SIB-550 Global Travel Seminar**

Prerequisites:

Please email Hillary Sabbagh at hsabbagh@suffolk.edu to register for a travel seminar.

Credits:

3.00

Description:

An in-depth analysis of timely special issues in international business. Specific topics are announced when the course is scheduled.

Type:

Global Engagement Experience

- **SF-190 Asia in America Fiction and Fact**

Credits:

4.00

Description:

With a focus on some selected ethnic groups from Asia, Asia in America studies the history and current status of Asian Americans in Boston and other parts of the country. We will examine the major reasons why these immigrants chose to leave their home country as well as their expectations and experiences here in America. We will also discuss the issues Asian immigrants have faced in this adopted home as well as the connections and conflicts among different ethnic groups or even within the same ethnic group due to political and socio-economic reasons. The course will include

some level of community engagement, through Chinatown tour and service, which may enable us to have a direct contact with the Asian American population and reflect on what is being discussed in class. Through this course, we hope to gain a better understanding of the racial and cultural history of the country and arrive at a deep appreciation of the dynamics of cultural interactions in the twenty-first century. The course fulfills the SCGP requirement.

Type:

Global Engagement Experience

- **SF-1145 Emergence of Southeast Asia**

Credits:

4.00

Description:

Explores the eleven countries and 600 million people of Southeast Asia starting with foundations- geography and environment- and then looking at the human imprint, in the form of the history, religions, and cultures of the region. An examination of contemporary issues related to demography, politics, and (especially) economics.

- **SOC-227 Race in American Society**

Credits:

4.00

Description:

Despite the election of Barack Obama as President of the United States, race remains one of the most divisive forces in U.S. society. While many of us struggle against racism, racial classification continues to affect where we live, where we work, and how we see ourselves. Racial classification affects our access to health care and our encounters with police officers. Distorted images of racial groups fill television and movie screens. Appeals to racism and fear of foreigners are dominant themes in elections to state and national offices. This course examines the formation and re-formation of racial classifications: how particular groups become racially identified, how these classifications change over time, and how conflicts over race have shaped American society. The meanings of race, as seen from a variety of perspectives, will be a consistent theme throughout the course.

Term:

Occasional

- **SOC-228 Cultural, Global and Social Perspectives**

Credits:

4.00

Description:

Enables students to examine, as well as develop an awareness and appreciation of, diversity within today's society. Providing an overview of the major racial, ethnic, and cultural groups in the U.S., the focus is on the ways in which cultural awareness enhances professional helping relationships and improves the operation of human services systems.

Term:

Occasional

- **SOC-275 Women and Crime**

Credits:

4.00

Description:

This course examines the complex relationships between women and crime today. This focus will include women as criminal offenders; women as victims of crime; and women as both offenders and victims. Course materials draw from recent feminist scholarship on these issues in the social sciences. Topics include the causes of women's crime women, drugs, and crime; child abuse and trauma; prostitution and sex trafficking; race, gender and victimization; and feminist social movements against violence. Crimes of violence against women are a central focus in the course.

Term:

Occasional

- **SOC-329 Sociology of Globalization**

Prerequisites:

Prerequisite: SOC 113 or SOC 116.

Credits:

4.00

Description:

Globalization is shrinking the world. How and why did this happen? This course will explore global change and the global processes which effect key social institutions: culture, the economy and politics. Students will study the processes of globalization and its impact on our lives and people around the globe.

Term:

Occasional

- **SOC-341 International Drug Control Policy**

Credits:

4.00

Description:

Relying on a simplistic demand or supply explanation of why Americans use/abuse drugs obscures the reality of America's drug problem, is ineffective as a guide to public policy and has unforeseen, often negative consequences. Drug use is a complex and multi-faceted issue. There are no easy answers. To comprehend the complexity of America's drug problem one needs an understanding of the geography, history, religion, law, economics and international politics of the Middle and Far East, Eastern Europe, Africa, Mexico, and Central and South America. This class will provide this basic understanding without losing sight that the problem we seek to remedy is our own.

Term:

Offered Spring Term

- **SOC-354 Death and Dying**

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

Modern Language

• SPAN-290 Advanced Composition & Conversation

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

Modern Language

• SPAN-300 Intro to Cultural Texts

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

- **SPAN-303 Modern and Contemporary Latin America**

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

- **SPAN-315 Spanish for the Professions**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

Integrates language learning with culture via business context of the Hispanic world. Spanish for banking and finance, marketing and advertising, and international commerce are highlighted. Students increase their cross-cultural understanding and written and oral proficiency in business Spanish through a wide range of assignments.

Type:

Global Engagement Experience

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

• **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

• **THETR-267 Introduction to Theatre: Contemporary American**

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Social & Intellectual HST

- **WGS-H111 Women, History, & Culture**

Prerequisites:

At least a 3.3 GPA required.

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Honors

- **WGS-113 Women, Science, & Society**

Credits:

4.00

Description:

Explores women's lives from the perspective of the social and natural sciences, including examination of recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship in these areas. Topics include: the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women; the female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women.

Term:

Offered Both Fall and Spring

- **WGS-115 Introduction to Gender Studies**

Credits:

4.00

Description:

Introduces the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, explores the pervasive influence of gender on the structure of society and our everyday experiences and the role that gender plays in our understanding of love, friendship, sexuality, and even violence. Topics include: biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Social & Intellectual HST

• WGS-311 Engendering Entertainment: Feminism and Popular Culture

Credits:

4.00

Description:

Investigates the complex intersections between feminism and popular culture through several different lenses: by exploring, how feminists make arguments about popular culture; by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like The Bachelor and Grey's Anatomy; by focusing on a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's Female Chauvinist Pigs, and Caitlin Moran's How to Be a Woman. Along the way we will ask questions about: what makes a work of art feminist; how modern media contributes to or distracts us from a variety of political debates in the realm of female equality and how can we, as individuals, use modern media to create and advance smart, feminist arguments.

Type:

Social & Intellectual HST

• WGS-315 Feminist Thought

Credits:

4.00

Description:

Investigates how feminists, both today and in history, have understood inequality and difference and looked for the best ways to address these issues and bring about social justice. Examines how feminist theorists help us to understand how gender and other social categories, such as race, class, sexuality, disability, age and nationality, are constructed within and through each other; and analyzes feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory, as well as consider anti-feminist arguments. Readings include classic critical texts by authors including Mary Wollstonecraft, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler.

Type:

Social & Intellectual HST

- **WGS-325 Global Women's Fiction**

Credits:

4.00

Description:

Explores of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic.

Term:

Occasional

- **WGS-335 Queer Narratives**

Credits:

4.00

Description:

Explores the stories that help us to understand communities, identities, and bodies that could be considered queer, and the ways that film, music, memoir and fiction have discussed queer as different, unusual, or other. Texts include the documentary, "Paris Is Burning", Frank Ocean's 2012 album, "Channel Orange", and Janet Mock's recent memoir, "Redefining Realness", as well as foundational queer theory from Judith Butler, Eve Kosofsky Sedgwick, and Lee Edelman, among others, to help build a framework for approaching and interpreting both fictional and non-fictional accounts of queer lives.

Type:

Social & Intellectual HST

Courses that fulfill the Creativity and Innovation, Humanities/History, Language, Literature, Quantitative Reasoning, Seminar for Freshmen, Social Science, or VPATH requirements may double count to fulfill the Social, Cultural, and Global Perspectives (SCGP) requirement.

Major Requirements: 8 courses, 32 credits

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Science in Paralegal Studies

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The ASPS degree requires the successful completion of the following courses:

Core Requirements: 11 courses, 40-41 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Social and Intellectual History](#)

Science, Technology, & Engineering (STE): 2 courses, at least one with a laboratory, 8 credits

Choose two STE (Science, Technology, and Engineering) courses, at least one with a corresponding laboratory, from those listed below. Courses do not need to be in a sequence. In the case of a course that is a lecture plus a lab, the student must complete both components to earn credit for the STE requirement.

Biology:

- **BIO-104 Environmental Biology**

Prerequisites:

BIO 101 and BIO L101, can also be taken concurrently BIO L104 must be taken concurrently

Credits:

3.00

Description:

An introduction to basic evolutionary, behavioral and ecological principles. Readings and discussions emphasize the ways that humans are affected by ecological processes and principles as well as how humans and their technology affect ecosystems. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology. It is intended for non-biology majors as a follow-up to Biology 101. 3 hours lecture. Days Only. Madrid Campus only.

Type:

SCI TECH ENGR

- **BIO-L104 Environmental Bio Lab**

Prerequisites:

BIO-104 must be taken concurrently

Credits:

1.00

Description:

Exercises and field trips designed to complement and demonstrate the ecological principles developed in the lecture section. The lab emphasizes the scientific method and employs long term group projects. Madrid Campus only.

Type:

SCI TECH ENGR

- **BIO-105 Humans and the Evolutionary Perspective**

Prerequisites:

Non Science Majors Only

Credits:

4.00

Description:

Major topics include the scientific basis of evolution, the fossil history of vertebrates, evidence of evolution in the human body, and applying an evolutionary perspective to the social interactions and possible futures of humanity. Meets one of the non laboratory science requirements for the non-science major. This reading and writing intensive course is a non-laboratory science option for non-science majors. This course will not fulfill requirement for a major or a minor in Biology.

Term:

Occasional

Type:

SCI TECH ENGNR

• **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Rigorous introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGR

Chemistry:

- **CHEM-105 Chemical New Product Development**

Prerequisites:

ENT 101

Credits:

4.00

Description:

This course addresses the crucial intersection between chemistry and business, and the impact of these fields on society. It provides an introduction to important chemistry concepts and practices of business management. Primary focus is on understanding the chemistry principles behind some of the consumer products in our everyday lives, and using this knowledge to create and evaluate ideas for new products. The course also introduces the business aspects involved in the development and marketing of new products. An important component of the course is in making effective presentations; this component concludes the course, culminating in team presentations of a new chemical product to panel of executives and peers. This course satisfies the Sawyer Business School Science requirement.

Type:

SCI TECH ENGR

- **CHEM-106 Biotechnology & Its Applications in Medicine, Agriculture, Law**

Credits:

4.00

Description:

Introduces the latest discoveries and applications of biotechnology. Topics include genetically modified food, stem cells, genetic testing, cloning, and forensics. A combination of lectures, discussions, short documentaries, mock congressional hearings, and hands-on activities will provide insight into the numerous medical, social, legal, and ethical issues surrounding this technology.

Type:

SCI TECH ENGR

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **CHEM-L111 General Chemistry Laboratory I**

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

Computer Science:

- **CMPSC-F107 Ants, Rumors and Gridlocks**

Prerequisites:

Math placement level of 2 or above or any MATH course at the level 100 or above

Credits:

4.00

Description:

Do viruses and rumors spread like forest fires? How do ants cooperate? Do spoken languages and biological species evolve in a similar way? Ants, Rumors, and Gridlocks exposes students to introductory aspects of computational science by addressing and answering these and many other questions. Students use and modify virtual experiments preprogrammed in the NetLogo programming language to investigate these topics and others in Social Sciences, Biology, and Environmental Science. No prior knowledge of computer programming or NetLogo is required.

Type:

SCI TECH ENGNR

Electrical Engineering:

- **ECE-288 Measuring the World**

Credits:

4.00

Description:

The world is addicted to quantifying the essence of everything, from personal IQ, to the speed of a baseball, to our healthiness, or our chances of winning the lottery. Behind most of these numeric values exists a science of measurement. Some of this is referenced to international standards, such as for length, time, weight, or temperature. Others are more arbitrary and subjective, such as ranking Olympic performance in gymnastics, beauty pageants, or popular responses as found in the game show Family Feud. A third category includes controversial areas, such as measuring whether a person is lying when interrogated, or using hype rather than reality to market products. Sometimes statistics are used to predict sports outcomes, such as in the annual March Madness NCAA basketball brackets. Finally, in a world subject to fraud and deception, it can be essential to distinguish legitimate from counterfeit items, such as in money, art, collectibles, and historical documents. Don't get hoodwinked! This course examines all of these, starting with how measurements have been made throughout history, along with a full deck of entertaining terms used during the ages. This may help you sort out your weight, whether given in pounds, kilos, or stones. Often these terms will provide insights into how people lived in different eras. We will also look at some of the technologies currently available to provide these measurements, and unravel the complexities of various sensors that are used. As we consider the meaning of accuracy we may become less naive about how much confidence to ascribe to the results given us. Hovering around all of these measurements should be the question of validity - are they meaningful, useful, or misleading? And the impact they have on society - whether they steer behavior more powerfully than one might originally suspect. Each student will also be given an opportunity to become an expert in an area of measurement of personal interest. By the end o

Type:

SCI TECH ENGR

Engineering Science:

- **ENS-103 Introduction to Engineering**

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• ENS-L103 Intro to Engineering Lab

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab. There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

Environmental Science:

- **UES-107 Introduction to Drones**

Prerequisites:

UES-L107

Credits:

3.00

Description:

Unmanned autonomous systems (UAS) or Drones are high-tech, intelligent machines capable of traveling by air, land, or sea via a remote connection. This course presents concepts and practical methods of using Unmanned Vehicles in a professional context, particularly for environmental projects. UAVs are increasingly being used in a professional capacity such as cinematography and filming, real estate, construction, surveying, mapping, agriculture, industrial inspections, utilities inspections and many more. The course covers mission planning, operations, field data collection, data processing, legal implications, data analysis and data deliverables. The course and laboratory will include learning flying micro-drones and preparing to pass the Federal Aviation Administration's Unmanned Aerial Vehicle Airmen (Part 107) exam. The course will have an associated Laboratory component in which students will learn how to properly plan effective flight missions, fly safely and legally, develop risk management strategies, analyze the data captured and convert it into a useful data deliverable.

Type:

SCI TECH ENGNR

- **UES-L107 Introduction to Drones Lab**

Prerequisites:

UES-107

Credits:

1.00

Description:

Unmanned autonomous systems (UAS) or Drones are high-tech, intelligent machines capable of traveling by air, land, or sea via a remote connection. This course presents concepts and practical methods of using Unmanned Vehicles in a professional context, particularly for environmental projects. UAVs are increasingly being used in a professional capacity such as cinematography and filming, real estate, construction, surveying, mapping, agriculture, industrial inspections, utilities inspections and many more. The course covers mission planning, operations, field data collection, data processing, legal implications, data analysis and data deliverables. The course and laboratory will include learning flying micro-drones and preparing to pass the Federal Aviation Administration's Unmanned Aerial Vehicle Airmen (Part 107) exam. The course will have an associated Laboratory component in which students will learn how to properly plan effective flight missions, fly safely and legally, develop risk management strategies, analyze the data captured and convert it into a useful data deliverable.

Type:

SCI TECH ENGR

• UES-111 Environmental Science

Prerequisites:

Must be taken concurrently with UES-L111

Credits:

3.00

Description:

Applies the fundamentals of science to environmental issues. Topics include population dynamics and resources, environmental degradation, ecosystems, geologic processes, deforestation, biodiversity, climate change, air, soil, and water resource management, and pollution and risks to health.

Term:

Offered Spring Term

Type:

SCI TECH ENGR

- **UES-L111 Environmental Science Lab**

Prerequisites:

Must be taken concurrently with UES-111.

Credits:

1.00

Description:

Laboratory exercises are used to illustrate topics covered in UES 111. Field testing and analysis of environmental samples. Field trips may be required.

Term:

Offered Spring Term

Type:

SCI TECH ENGR

- **UES-121 Science, Art, and the Environment**

Prerequisites:

Take UES-L121 concurrently

Credits:

3.00

Description:

Examines art and cultural objects through the lens of the biological, chemical, and physical principles of the materials and processes we use to make them. Includes consideration of factors important in art conservation. Provides an environmental context for the manufacture and use of art materials and the preservation of cultural objects.

Type:

SCI TECH ENGR

- UES-L121 Science, Art, and the Environment Lab

Prerequisites:

Take UES-121 concurrently

Credits:

1.00

Description:

Provides hands-on work with pigments, dyes, and other art materials using the basic principles of science and technology. Students will conduct laboratory experiments that produce art objects and other consumer products. Instruction in safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables, graphs, and graphics. Practice in synthesizing compounds like paints and finishes and in evaluating methods of art conservation.

Type:

SCI TECH ENGR

- UES-225 Geographical Information Science

Prerequisites:

Take UES-L225 concurrently

Credits:

3.00

Description:

Provides the fundamentals of geographic information science (GIS) including the history of automated mapping. A review of the necessary hardware and software elements used in GIS is presented. Hands-on exercises with computerized mapping software are required.

Type:

SCI TECH ENGR

- **UES-L225 Geographic Information Science Lab**

Prerequisites:

Must be taken concurrently with UES-225

Credits:

1.00

Description:

Required companion computer laboratory to be taken concurrently with UES 225.

Type:

SCI TECH ENGNR

Forensic Science:

- **FS-103 Introduction to Forensic Science**

Prerequisites:

FS-L103

Credits:

3.00

Description:

Application of the principles of forensic science in evaluating physical evidence, with emphasis on its role in criminal investigation. Class experiences may include guest lectures and field trips. 3-hour lecture. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **FS-L103 Introduction to Forensic Science Lab**

Prerequisites:

FS 103 concurrently

Credits:

1.00

Description:

Laboratory experiences related to the collection and analysis of physical evidence as performed by forensic science professionals. Experiments may include forensic microscopy, drug analysis, forensic serology, physical patterns, fingerprint and firearm evidence analysis techniques. 3-hour laboratory. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

Neuroscience:

- **NEUR-101 Intro to Neuroscience**

Credits:

4.00

Description:

Introduces the field of neuroscience, the study of the organization and function of the nervous system of humans and other animals. Neuroscientists examine how individual neurons function as signaling devices, how groups of neurons operate as circuits to produce fundamental units of behavior, and how much larger systems in the brain subserve complex functions such as memory and consciousness. Topics include the neuron and neural transmission, the overall function and organization of the nervous system, the development of the brain, neural plasticity, sleep, memory and other higher cognitive functions. Normally offered alternate years.

Type:

SCI TECH ENGNR

Physics:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or MATH-165 or permission of Physics department chair; PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• PHYS-151 University Physics I

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• PHYS-L151 University Physics Lab I

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

• PHYS-152 University Physics II**Prerequisites:**

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-153 University Physics III**

Prerequisites:

MATH-121, MATH-164 or MATH-165

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover

nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGR

Science:

- **SCI-103 Environmental Science**

Prerequisites:

SCI-L103 must be taken concurrently

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to environmental degradation, ecosystems, geological processes, population dynamics, deforestation and biodiversity, climate change, ozone depletion, air soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **SCI-L103 Environmental Science Lab**

Prerequisites:

Must take SCI-103 concurrently

Credits:

1.00

Description:

Laboratory exercises to illustrate the topics covered in Science 103. Field-testing and analysis of environmental samples. Field trip required.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **SCI-111 Introduction to Astronomy**

Prerequisites:

MATH-128 or higher and SCI-L111 must be taken concurrently.

Credits:

3.00

Description:

History of Astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors; space programs, science and technology in society. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-L111 Introduction to Astronomy Lab**

Prerequisites:

Take SCI-111 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 111. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGNR

• **SCI-112 Structure of the Universe**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

- **SCI-L112 Structure of the Universe Lab**

Prerequisites:

Take SCI-112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGR

- **SCI-113 A Habitable Earth Within the Solar System**

Credits:

4.00

Description:

This course introduces non-science majors to concepts that are central to making our planet habitable. It presents Earth in context of the solar system with a broad view of global climate change and energy resources in a quest to better understand the workings our planet. This course on Earth and Planetary Science is suitable for students who may have taken their last science and math course several years ago, or are just curious about knowing facts on major issues that pertain to the future of our planet. Together with a reading component, this course aims to give students a flavor of how researchers think, investigate and develop conclusions that directly affect our political and economic future. Topics covered in this course range from the solar system to the study of search for other habitable Earth-like planets, search for extraterrestrial life, and evolution of life on Earth. Other

characteristics of this course are heavy use of audio-visual materials often including computer animations and simulations, in-class experiment demonstration, and intensive use of INTERNET-based resources.

Type:

SCI TECH ENGR

- **SCI-165 Inner Workings of Physics Universe**

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

SCI TECH ENGR

- **SCI-171 The Built World: How Humans Engineer Environments**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid

waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **SCI-173 Mapping Our World The Power of Digital Maps**

Prerequisites:

SCI L173 Must be taken concurrently Knowledge of Windows type Application

Credits:

3.00

Description:

Geographic Information Science (GIS) link information (number of fire hydrants on a block) to features on a map (e.g., a point representing street address) that has a designated geographic location (as designated by global coordinates). Unlike paper maps, GIS software allows the production of interactive maps that allows the user to layer data, to indicate spatial patterns, to analyze trends, and to combine different features of the mapped area in novel ways. For example, a business person may wish to use GIS to determine the optimum location of retail outlet (based on the mapped demographics of a neighborhood), while an environmental engineer may use GIS to describe the location of outfalls to see how they correlate to areas of stream pollution. In this course, students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **SCI-L173 Mapping Our World Lab**

Prerequisites:

Must be taken concurrently with SCI-173

Credits:

1.00

Description:

This laboratory illustrates concepts and methods taught in SCI 173. In this lab students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **SCI-181 Science and Life in the 21st Century**

Credits:

4.00

Description:

No longer offered on Boston campus This is a four credit, non-lab, science course that examines the central scientific problems confronting the 21st century. The course studies particular topics and teaches the necessary science around these topics to provide a good understanding of the issues. The topics currently are: Energy, Science and Economic Decisions, Sustainability of Life on Earth, Health and Science.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **SCI-184 Contemporary Science and Innovation**

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-201 Physics for Future Presidents**

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGNR

• SCI-210 Earth and Planetary Crystals

Prerequisites:

Take SCI-L210 concurrently

Credits:

3.00

Description:

This course will provide undergraduate students of various disciplines with an introduction to gems and crystals using interactive, evidence-based teaching approaches. Crystalline forms of matter are critical to our existence. Using innovative teaching strategies of in-class hands-on demonstration, supplemented with visuals of crystal details, the course provides students insights into the formation, alteration and unique properties that make crystals invaluable. Topics range from the study of proteins and nucleic acids to the interior of planets. The in-class lectures will provide a basic guide that will serve as a platform for individually catered in-depth study. Therefore, the course is open to advanced students as well, who can pick up higher level of information for discussion and class projects.

Type:

SCI TECH ENGNR

Some Science division courses may have Math or Computer Science prerequisites; many have other Science prerequisites.

Major Requirements: 8 courses, 32 credits

Minimum Total Credits Required for Degree Conferral: 64 credits



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Associate of Science in Paralegal Studies

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The ASPS degree requires the successful completion of the following courses:

Core Requirements: 11 courses, 40-41 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Social and Intellectual History](#)

Ethical & Philosophical Inquiry: 1 course, 4 credits

Choose one Ethics course from those listed below:

- PHIL-119 Ethics

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Major Requirements: 8 courses, 32 credits

Minimum Total Credits Required for Degree Conferral: 64 credits



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- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Social and Intellectual History](#)

Social Science: 1 course, 4 credits

- LAWU-211 Litigation

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each semester.

Major Requirements: 8 courses, 32 credits

Minimum Total Credits Required for Degree Conferral: 64 credits



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- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Social and Intellectual History](#)

Social and Intellectual History: 1 course, 4 credits

Choose one course from those listed below:

American Studies:

- AMST-111 Defining America and Americans

Credits:

4.00

Description:

Examines artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and methods in the field of American Studies.

Type:

Social & Intellectual HST

Art & Design:

- **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

Asian Studies:

- **AS-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Both Fall and Spring

Type:

Asian Studies, Social & Intellectual HST

Communication:

- **CJN-114 Great Works of Journalism**

Credits:

4.00

Description:

An examination of important contributions to the literature of journalism through an analysis of major writers and news coverage of significant events from a journalistic perspective.

Term:

Occasional

Type:

Social & Intellectual HST

English:

- **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **ENG-124 Great Books of the World II**

Credits:

4.00

Description:

This course will introduce students to a selection of Great Books from around the world from the 17th century to the 21st, such as Don Quixote (Spain), Madame Bovary (France), The Communist Manifesto (Germany), The Origin of Species (England), War and Peace (Russia), On Dreams (Austria), Night (Hungary), Things Fall Apart (Nigeria), Satyagraha (India), I Am Prepared to Die (South Africa), Saeed the Pessoptomist (Israel), The Rouge of the North (China), and The House of Spirits (Chile). Readings may vary at the discretion of the instructor.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

Environmental Science:

- **UES-325 Environmental History of US**

Credits:

4.00

Description:

Explores how Americans have understood the environment and their relationship to it through analysis of classic environmental texts, historical contexts, and societal perspectives. Analyzes how the environment has changed from pre-colonial times to the present and how these changes have been described through the lens of environmental history. Themes include differing viewpoints of European and indigenous peoples toward the natural environment, the impacts of the Western expansion on native species and landscapes, the rise of industrialism and its impacts on natural resources and ecosystems, and the rise of 20th century environmentalism.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

History:

- **HST-101 History of Western Civilization I**

Credits:

4.00

Description:

Surveys European culture, politics, and society from antiquity to the seventeenth century. Topics include: the Greek, Judaic, and Roman heritage; the rise of Christianity; feudal society in the Middle Ages; Renaissance and Reformation; the Scientific Revolution; and the development of absolutist and constitutional governments.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

• HST-102 History of Western Civilization II

Credits:

4.00

Description:

Surveys European culture, politics, and society from the Scientific Revolution to the present. Topics include: the development of absolutist and constitutional governments; the Enlightenment; the French Revolution; Industrialization and urbanization; nationalism and imperialism; World War I, World War II, and the Cold War; the decline of Europe as a world power.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

• HST-121 World History I

Credits:

4.00

Description:

Explores the major themes of human history to 1500. Topics include: hunter-gathering, the migration of humans across the globe, transitions to food production, and the development of complex societies based on agriculture. Major early Eurasian civilizations (China, India, the Middle East, and Europe) are examined (alongside their interactions with Inner Asia and the Arabian Peninsula). So too are Sub-Saharan Africa and the Americas.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

• HST-149 Empires & Globalization in World History I

Credits:

4.00

Description:

This is the first of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include the formation of the medieval trade system, the development of finance and capitalism in the early modern ages, and economic changes prior to the Industrial Revolution. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Fall Term

Type:

Social & Intellectual HST

• HST-150 Empires & Globalization in World History II

Credits:

4.00

Description:

This is the second of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include state-making, wars, and the rivalry among early modern empires, economic development, the Industrial Revolution and the formation of the global trade system. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-181 American Life to the Civil War Era**

Credits:

4.00

Description:

Surveys American history from European colonization up through the era of the Civil War. Topics include interactions with Native Americans; slavery; the American Revolution; the founding of a new republic; social and economic developments in the early nineteenth century; expansion; party politics; sectional conflict; the Civil War and Reconstruction.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-182 American Life Since the Civil War Era**

Credits:

4.00

Description:

Surveys American history from the 1870s to the present. Topics include the new industrial order; farmer and worker protests; progressivism; America's emergence as a world power; the two World Wars; the Great Depression; the New Deal; the Cold War; post-World War II American society; the Civil rights movement; Vietnam; dissent and counterculture in the 1960s; the women's movement; economic, social, and political changes in the late-twentieth century; America's relationship to a globalized world.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-251 Modern East Asia**

Credits:

4.00

Description:

China, Japan, and Korea - East Asia's critical players - share many historical influences, but each has a distinct culture, and they competed with each other for much of the twentieth century, proud of their achievements but feeling threatened by their neighbors. Lectures interspersed with movies and documentaries to show how East Asia has developed in the past one-hundred-plus years.

Type:

Social & Intellectual HST

- **HST-260 Asian Peoples and Cultures**

Credits:

4.00

Description:

Introduces the peoples of Asia and the cultures they have created. Particular attention is paid to the lives of the common people in both historical and contemporary times. By understanding the richness and complexities of daily life in Asia, we will understand the continuities and discontinuities brought on by social, cultural, and economic changes. We will gain an appreciation of our fellow human beings in Asia.

Type:

Social & Intellectual HST

- **HST-268 History of the Mediterranean**

Credits:

4.00

Description:

Explores the history of the Mediterranean from the ancient times to the 20th century, with emphasis on the extraordinary interaction between the rich cultural, ethnic and religious backgrounds of the peoples of Europe, Middle East, and North Africa.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-312 Renaissance and Reformation Europe**

Credits:

4.00

Description:

Explores the intellectual and cultural developments of the Renaissance, and of the Protestant and Catholic Reformations in their social and political contexts. Topics include: Humanism, the rise of the city-state; art, and science; changes in family and social life; the causes of the Reformation (intellectual, social, technological); Calvinists, Lutherans, and Radical Reformers; Counter-Reformation and its political consequences; the Wars of Religion.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-361 Native America 1832 to Present**

Credits:

4.00

Description:

Topics will include the Plains Indian Wars; ethnological aspects of Indian tribes; the pitfalls of Indian reform movements; Indian resistance to U.S. assimilation and reservation policies; the Indian New Deal; activism and the American Indian Movement; Indians' future prospects. Cultural Diversity A

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-383 Boston: Heritage of a City**

Prerequisites:

One History course

Credits:

4.00

Description:

Boston from its foundation in 1630 to its development as a 21st century metropolis. From the Massachusetts Bay Colony, to cradle of the American Revolution, to a Yankee merchant capital, Brahmin cultural center, and immigrant melting pot. When offered in the hybrid format, this course will meet at the regularly-scheduled time, but lectures and other course materials will be available on the course Blackboard site in case you cannot attend.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-394 Slavery in Film, Literature and History**

Credits:

4.00

Description:

A seminar on slavery in the United States as depicted in history, literature, and film. Topics may include resistance to slavery, honor, the attack on slavery, the cultural and social worlds of masters and enslaved people, the thought of masters and enslaved people, women and slavery, and/or slavery as an economic institution.

Type:

Social & Intellectual HST

• HST-412 Europe in the 20th Century

Credits:

4.00

Description:

Examines the political, economic, social and cultural developments of the principal European states since 1900. Topics include: World War I; the social and economic dislocations of the 1920s and 1930s; the rise of Fascism and National Socialism; World War II; the remains of colonialism; modernization and Americanization since the 1960s; the European Union; Europe after the Cold War; and throughout the twentieth century, the importance of class and class conflict, nationalism, and war in shaping the European experience.

Term:

Occasional

Type:

Social & Intellectual HST

• HST-426 Politics and Culture in Europe 1919-1939

Credits:

4.00

Description:

Explores the social and political development of European society between the two world wars, primarily through the literature, art, and films of the period. Topics include: the dissolution of pre-1914 middle class society; deviance and sexuality in the 1920s; the role of decadence in art and the

Fascist response to deviance in life and art; women, workers, and the new technology; the rise of Fascism; political engagement and polarization throughout European society in the face of economic and social crisis.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-489 Germany: Film, Politics, Memory Since 1945**

Credits:

4.00

Description:

Explores German history since 1945 through film, newsreels and other archival footage, war memorials and museums, novels, published diaries, memoirs, and recent historical scholarship. Topics include the representation, in film and other texts, of: post-war rebuilding; the German Economic Miracle; divided Berlin; 1960s and 70s radical politics; coming to terms since 1945, with Germany's Nazi past and the Holocaust; coming to terms since 1990 with the Stasi and East German past; Ostalgie (nostalgia in the 21st century for some aspects of East German socialism); the multi-cultural society that is Germany today, with new Turkish, Greek, Russian, Arab, and even Israeli communities.

Type:

Social & Intellectual HST

Philosophy:

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Social & Intellectual HST

Women's & Gender Studies:

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Social & Intellectual HST

• WGS-115 Introduction to Gender Studies

Credits:

4.00

Description:

Introduces the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, explores the pervasive influence of gender on the structure of society and our everyday experiences and the role that gender plays in our understanding of love, friendship, sexuality, and even violence. Topics include: biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Social & Intellectual HST

- **WGS-311 Engendering Entertainment: Feminism and Popular Culture**

Credits:

4.00

Description:

Investigates the complex intersections between feminism and popular culture through several different lenses: by exploring, how feminists make arguments about popular culture; by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like The Bachelor and Grey's Anatomy; by focusing on a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's Female Chauvinist Pigs, and Caitlin Moran's How to Be a Woman. Along the way we will ask questions about: what makes a work of art feminist; how modern media contributes to or distracts us from a variety of political debates in the realm of female equality and how can we, as individuals, use modern media to create and advance smart, feminist arguments.

Type:

Social & Intellectual HST

- **WGS-315 Feminist Thought**

Credits:

4.00

Description:

Investigates how feminists, both today and in history, have understood inequality and difference and looked for the best ways to address these issues and bring about social justice. Examines how feminist theorists help us to understand how gender and other social categories, such as race, class, sexuality, disability, age and nationality, are constructed within and through each other; and analyzes feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory, as well as consider anti-feminist arguments. Readings include classic critical texts by authors including Mary Wollstonecraft, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler.

Type:

Social & Intellectual HST

- **WGS-335 Queer Narratives**

Credits:

4.00

Description:

Explores the stories that help us to understand communities, identities, and bodies that could be considered queer, and the ways that film, music, memoir and fiction have discussed queer as different, unusual, or other. Texts include the documentary, "Paris Is Burning", Frank Ocean's 2012 album, "Channel Orange", and Janet Mock's recent memoir, "Redefining Realness", as well as foundational queer theory from Judith Butler, Eve Kosofsky Sedgwick, and Lee Edelman, among others, to help build a framework for approaching and interpreting both fictional and non-fictional accounts of queer lives.

Type:

Social & Intellectual HST

Major Requirements: 8 courses, 32 credits

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Science Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AS degree program requires the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

First Year Experience: 1 course, 1 credit

Students with 15+ transfer credits of college or university work are exempt.

Choose one of the following to be completed during the first semester of matriculation:

- **CAS-101 Strategies of Success**

Prerequisites:

CAS students only. SBS students by special permission.

Credits:

1.00

Description:

CAS 101 is a one-credit course that meets once a week and is designed to help you have a successful transition to Suffolk University and our unique urban community. It is also designed to introduce you to the principles and concepts of Oral Communication and Presentation Skills. Through interactive exercises and engaging assignments, you will explore the campus environment and learn about strategies for success as a student. You will present speeches about your research and activities to improve your abilities as a speaker.

- **ADPR-102 Professional Development**

Prerequisites:

ADPR-101 must be taken concurrently

Credits:

1.00

Description:

In this hands-on experiential course, students examine potential career paths in Advertising, Public Relations, and Social Media, become oriented to the university and the surrounding Boston area, and identify professional resources in Boston that foster career development.

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Science Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AS degree program requires the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Seminar for Freshmen: 1 course, 4 credits

Students with 15+ transfer credits of college or university work are exempt.

Please note that not all courses are offered each semester. Students should contact their advisor to learn about current course offerings.

Choose one Seminar for Freshmen course from those listed below:

- **SF-101 Fixing the World- Energy and Water: The Science of Solutions**

Credits:

4.00

Description:

Two of the most daunting challenges the world faces (or will face) is how to provide for both its growing energy needs and potable drinking water. Regular news events include climate change, droughts, flooding, and petroleum struggles. Human nature often requires a severe crisis before it responds. This course will investigate the historical science driving the use of energy since the Industrial Revolution to convert energy resources into work, including the steam engine, the electric motor, and the internal combustion engine. It will also consider alternative energy options to fossil fuels, such as solar, wind, geothermal, and ocean power. Along the way we will consider the evidence for Global Warming and Climate Change. We will look into human nature, simple life styles, conspiracy theories, and the influence of those in power to shape human opinion. We will also consider how our water supply is provided and where it goes after being used. What options do developing countries or drought racked areas have to remedy their water needs? Although the course pursues a scientific understanding of these issues, the mathematics used will be gentle, and a larger emphasis will be placed on the intuitive appreciation of these concerns.

- **SF-116 Enlightened Insanity**

Credits:

4.00

Description:

Rain or shine, the great 18th century Enlightenment philosophers would meet at the famous cafes of Paris to discuss their ideas, and to observe and criticize society. From these informal debates emerged ideas that are at the core of our modern understanding of the nature of society, marginality, human nature, civil rights, the essence of creativity and genius. Come join us in the quest to understand, define, observe, and analyze the key ideas and concepts of these great thinkers, such as Rousseau, Diderot, and Voltaire, still so relevant in our time. We will read key works of these creative thinkers and philosophers. We will enrich our experience and understanding through the use of film, theatre performances, museum visits, as well as the occasional cafe debate.

- **SF-126 The Boston Theatre Scene: the Inside Experience**

Credits:

4.00

Description:

Using the current Boston theatre season as its syllabus, this writing- and analysis-intensive course will explore several plays in production at some of Boston's many professional theatres. We will study the script of four to five plays before attending performances of those works. Students will gain insights on the world of theatre through backstage tours and conversations with theatre professionals such as producers, directors, actors, designers, playwrights, and critics. Students must be available for evening (usually Wednesday) performances. A fee for student-rate tickets will be assessed.

- **SF-132 The Beatles: Here, There & Everywhere**

Credits:

4.00

Description:

This seminar will investigate the impact and legacy of the Beatles. The Fab Four deserve our scholarly attention as musical innovators and as cultural avatars of the 1960s, an era that still exerts influence today. We will examine the many ways in which the Beatles rocked the establishment and became defining figures in post-war youth culture. We will also discuss other media (the visual arts, film, fashion, style) and fields of study (mass media, marketing, recording technology, copyright law, English history) using the Beatles as our guides.

- **SF-151 Getting Over It: Dealing With the Aftermath of Group Conflict/Mass Atrocity**

Credits:

4.00

Description:

Once violent conflict between two groups has ended, what is the best way to transition back to normality coming to terms with the past or simply moving on? To answer these questions we will examine the debates surrounding war crime tribunals, truth commissions, lustration policies, and reparations in the second half of the 20th century. Case studies will include post-apartheid South Africa, post-WWII Germany, and the Israeli/Palestinian conflict. We will discuss the philosophical problems raised by each of these instruments, as well as on the political, legal, and practical difficulties their implementation present. Cultural Diversity B

- **SF-156 The Mask Behind the Face: Personas, Personalities, and Perception. Acting in /Out Life**

Credits:

4.00

Description:

The theatre has always been a metaphor for life. In modern times life has become theatre. This seminar will confront the idea of real life and the eroding boundary between performers and audience. Students will study the roots of the contemporary obsession with stars and stardom, a mania that began in the 18th century and flourished in the 19th century. We will look at performance studies, performers memoirs, plays, and films that dramatize this dilemma.

- **SF-173 Crime in American Society**

Credits:

4.00

Description:

Popular beliefs about crime are often inspired by the media and by specific criminological theories. These theories about and media images of crime will be examined in detail, including the hits and misses.

- **SF-174 Tragedy and Literature**

Credits:

4.00

Description:

This course will focus on classic works of ancient and modern literature that examine the human condition from a tragic perspective. We will concentrate on close readings from the following texts: Homer's Iliad, Sophocles' Antigone, The Bhagavad-Gita, Shakespeare's Othello, Chekhov's short stories, and Joyce's Dubliners.

Type:

Classics Minor

- **SF-175 War and Apocalypse in Science Fiction**

Credits:

4.00

- SF-178 Sacred Hoops & Sneaker Pimps: Understanding the American Hoop Dream

Credits:

4.00

Description:

This course is about the basketball hoop dream played out at the high school and college levels. We will study a wide variety of materials - novels, films, websites, reference works - to understand both the construction, and destruction, of the hoop dream in such diverse places as New York City, Seattle, rural Indiana, suburban Georgia, and the Wind River Reservation in Wyoming. Issues of race and culture will serve as guiding themes as we develop critical theory explaining why the hoop dream has persisted, and adapted, over time, to fit the needs of its believers and supporters.

- SF-182 Heroes, Antiheroes and Outsiders: Reading the Graphic Novel

Credits:

4.00

Description:

How is it that comics", a genre often viewed as entertainment for children and adolescents, has become one of the most exciting forms of narrative and visual art? To answer this question, this seminar will examine a range of graphic novels, from those that celebrate their origins in superhero comics, such as Alan Moore's Watchmen, to those that treat subjects not usually considered proper to the comics genre, such as Art Spiegelman's Maus, about the Holocaust, and Alison Bechdel's Fun Home, about the complexities of sexual identity. As we read these works, we will look at how the combination of words and still images makes the graphic novel a unique storytelling form, as well as how artists and writers push the envelope to create new styles and challenge our expectations. In addition to class discussions and writing assignments, we will take a field trip to the Museum of Fine Arts and create a collaborative group graphic novel step-by-step over the course of the semester (all abilities welcome).

- SF-183 Politics, Power and the Media

Credits:

4.00

Description:

Is there a relationship between accumulated political power and mass media representations? Is news content impacted by existing political power relations? It is the object of this course to critically analyze the role of the mass media within the framework of existing political power relations in the United States. In particular, the course will focus on the role the mass media plays in promoting and reinforcing dominant political practices and ideologies. The course will begin by exploring various theories of the press, notably its function in a democratic society, as well as the concepts of power and propaganda. We will continue with a series of case studies, complemented by secondary sources that highlight how media representations affect the contemporary distribution of political power in the US. Topics of discussion will include the current US war on terrorism, the ongoing health care debate, the public disavowal of big government", and the concept of a liberal media.

• SF-189 American Gothic: Edgar Allan Poe, Flannery O'Connor and Annie Proulx

Credits:

4.00

Description:

This literature seminar will study and compare the short stories of Edgar Allan Poe, Flannery O'Connor, and Annie Proulx. Beginning with Poe as the father of the short story genre in America and exploring his critical theory of the grotesque and arabesque", the class will examine the emergence of the gothic literary idiom as a classic American genre. Critical essays on the gothic aesthetic will be analyzed and film adaptations and documentaries will be viewed.

• SF-190 Asia in America Fiction and Fact

Credits:

4.00

Description:

With a focus on some selected ethnic groups from Asia, Asia in America studies the history and current status of Asian Americans in Boston and other parts of the country. We will examine the major reasons why these immigrants chose to leave their home country as well as their expectations and experiences here in America. We will also discuss the issues Asian immigrants have faced in this adopted home as well as the connections and conflicts among different ethnic groups or even within the same ethnic group due to political and socio-economic reasons. The course will include some level of community engagement, through Chinatown tour and service, which may enable us to have a direct contact with the Asian American population and reflect on what is being discussed in class. Through this course, we hope to gain a better understanding of the racial and cultural history of the country and arrive at a deep appreciation of the dynamics of cultural interactions in the twenty-first century. The course fulfills the SCGP requirement.

Type:

Global Engagement Experience

- **SF-191 Film Adaptation Film Adaptation**

Credits:

4.00

Description:

Why did they change the ending of the book? The novel is so much better! We will explore the concept and industry of film adaptation. Students will read novels and watch respective film adaptations to explore how the written word is adapted to the screen; both fiction and non-fiction works will be considered. Also, field trips to past film locations in Boston will be taken to explore why specific settings were chosen for respective situations. Additionally, students will create their own written adaptations of source materials, putting into practice the concepts studied in class.

- **SF-197 Sustainability, Energy, and Technology At Suffolk University**

Credits:

4.00

Description:

In this project and team-based course, students study a sustainability problem at Suffolk University and spend the semester developing proposals to address the problem. At the end of the course students will present their proposals to Suffolk University's sustainability committee, and will exhibit their websites and visual aids in the Donahue lobby to educate the Suffolk community about sustainability. If their proposals are well-researched and well-communicated, students can see their ideas actualized while they are still undergraduates.

- **SF-198 Music and the Brain**

Credits:

4.00

Description:

What accounts for the power of music to move us so profoundly? This course explores how our brains and music evolved together: What music can teach us about the brain, what the brain can teach us about music, and what both can teach us about ourselves.

- **SF-199 Unfolding the European Union**

Credits:

4.00

Description:

The EU is a powerful political, economic and cultural block that is meant to play a major role, together with the USA and China, in the creation of a new post-crisis world order. The seminar is intended to cover, at a basic but reachable level, the history, the politics, the culture and the functions of the EU in the beginning of the Twentieth Century. An extraordinary experiment of sociopolitical engineering, comparable to that of the United States of America, the EU has been changing the life of an increasing number of Europeans for over 50 years. No American student could afford to ignore the inner structure as well as the particular peculiarities of such inclusive supranational organization in today's world. Issues as institutional functioning, problems derived from individual state sovereignty, economic coordination to face common challenges, cultural integration, future enlargement, etc. are all indispensable to understand the way in which Europe is changing. But also much more day-to-day issues, such as travel mobility, education exchange programs, citizen's participation, supranational networks of people in the arts or in business, unified labor market, gender participation, human rights, consumer's protection, etc. are all in the process of developing a more robust and functional European Citizenship.

- **SF-1110 Decoding Boston: Signs and the City**

Credits:

4.00

Description:

This interdisciplinary seminar will explore the buildings, monuments, sites, and signs around Boston from the point of view of Visual and Culture Studies. In addition to providing a compelling introduction to the history, major landmarks, and culture of the city, the seminar is specifically intended to improve students' visual literacy: that is, their awareness of their visual environment and their ability to critically analyze the rhetoric of the spaces, buildings, and images with which they are surrounded.

Type:

Local Engagement Experience

- **SF-1122 The Ethics of Peace and War: From The Ancient World to the Present**

Credits:

4.00

Description:

This course will explore historical, ethical and political issues concerned with matters of peace and war. We will examine a variety of different texts: religious, historical, philosophical and literary, but the main emphasis will be philosophical justifications for war and philosophical visions of just peace, with an eye to contemporary questions in the War on Terror. To the extent that we use non-philosophical texts, this will be in the service of focusing the imagination on the philosophical issues and applying theoretical frameworks to historical events.

• SF-1127 The Vietnam and Iraq Wars: Polarized Perspectives

Credits:

4.00

Description:

This class will examine some of the many controversies surrounding the Vietnam and Iraq Wars, two conflicts that have been profoundly polarizing for the American people. There are widely divergent perspectives regarding the fundamental questions surrounding each war. Were the reasons for American involvement just? To what extent were the methods used by the United States military during each war just? To what extent did the media play an appropriate role before, during, and after each war? Did opposition to these wars serve primarily to benefit the enemies of the United States or did it constitute a form of patriotism and love of country? This interdisciplinary course will address these and other complex questions by examining the histories, literature, and films (both documentaries and dramatic) that have been produced in response to these wars.

• SF-1128 Sustainable Media

Credits:

4.00

Description:

Contrary to a popular perception that information, communication and entertainment technologies are clean, ecologically benign and paperless, the reality of an increasingly digital life is that our fascination with the next best thing in mobile phones, video game consoles, personal computers, digital cameras, tablets, etc., has devastating impacts on our environment. These media devices are manufactured using toxic ingredients in poisonous working condition, require an abundance of energy to operate, and create hazardous waste when disposed. Media technology companies and the advertising industry that markets their wares have successfully persuaded consumers to accept rapid obsolescence and to highly anticipate the latest upgrade. But some consumers, electronics manufacturers, policy makers, and environmental groups are working to change the culture of

consumption in favor of sustainable media practices that lessen the environmental footprint of the digital devices we use everyday. The purpose of this course is to understand the problem of unsustainable media, and the possible solutions for a sustainable media system.

- **SF-1129 Beacon Hill: Fact, Fiction, and Fantasy**

Credits:

4.00

Description:

The course will explore the physical geography, history, and image in literature, film, and pop culture of Suffolk University's Beacon Hill neighborhood. The purpose and objective of the course is to provide students with a deep knowledge, understanding, and appreciation of Beacon Hill through examination of written and visual sources, and feet-on and eyes-on experience of the public parts of the Hill.

Type:

Local Engagement Experience

- **SF-1133 Problems and Solutions in Early American History**

Credits:

4.00

Description:

This course will examine four major problems in the early American republic: forming a government; bridging vast distances on the American continent; slavery; international relations. We will explore the various proposed solutions to these problems. Some of the solutions worked well, others were more disastrous than the initial problem. We will read primary documents pertaining to these issues, and try to imagine how men and women considering the problems might have responded to them. What solutions could be proposed? What solutions would work? What were the political, economic, or social difficulties generated by the problem and by the proposed solutions? In considering the problems, we will also learn how to use the various archives close at hand: the Sawyer Library, the Boston Public Library, the Massachusetts Historical Society, and the Massachusetts State Archives. Students will also post their findings on a class blog, and present their work to one another in class.

- **SF-1134 The Meaning of Life**

Credits:

4.00

Description:

What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? This award-winning course offers a cross-cultural, interdisciplinary exploration of these questions through philosophical and religious texts, art, fiction, autobiography, and psychological studies. The course opens with the Old Testament's book of Ecclesiastes, followed by three units: 1) A Life Worth Living: Humanity's Ideals focuses on the ancient and modern visions of human flourishing; 2) Threats to Meaning: Humanity's Discontents, discusses the disillusionments leading to the loss of meaning; and 3) Recovery of Meaning: Crises and Hopes, explores the post-crisis possibilities of self-discovery and growth. Please visit <http://meaningoflife.cherkasova.org/>

- **SF-1135 Women Warriors: Stories of Captivity, Conversion, and Confession**

Credits:

4.00

Description:

Since the beginning of time, women have been doing battle to themselves, while men have gone to battle against others. Whether it is through converting to Christ, yielding to captors in order to survive, or carrying a baby, this course introduces students to the many ways in which, whatever battles they face, women are warriors; they survive. Utilizing an array of captivity, conversion, and confession narratives by women, and pairing them across the centuries, students will make connections and draw conclusions between early-and mid-19th-century-American and contemporary women. Students will connect, for example, the trials of the 17th-century Puritan captive, Mary Rowlandson, and contemporary hostage, Elizabeth Smart, to explore how women (no matter how different they seem) draw upon unique inner resources to survive.

- **SF-1141 Classical Civilizations: Pathways to Wisdom**

Credits:

4.00

Description:

How is it that the knowledge, intelligence, wisdom and values of the Greeks and Romans still educate and edify the world by providing venues towards leading fulfilling and dignified lives? The guiding principles of their respective civilizations rested upon eight pillars: - Humanism: It was recognized that humans have the potential to master their world and live life to the fullest. -The Pursuit of Excellence: To imagine the highest good and strive to attain it. - Self Knowledge: It is imperative to know oneself before seeking to know the world. - Rationalism: Always question, reason and discern truth from falsehood and never consider any matter superficially. - Restless Curiosity: Often the resolution of one issue leads to the revelations

of others mysteries and pursuits which compels further investigation. The wise individual makes this a lifelong endeavor. -Love of Freedom: As long as one brings no harm to others, one must be free to live and discover as much as possible. - Individualism: All are unique and, therefore, must recognize individual strengths and identity. -The Practice of Moderation: The prudence of avoiding extremes in personal and social conduct. In this course, students will read two (brief) texts on the Greek and Roman contributions to the world and then will proceed with specific readings which illuminate the eight principles above for achieving the good life.

- **SF-1143 In the First-Person: Storytelling in the 21st Century**

Credits:

4.00

Description:

This section of the Seminar for Freshmen will consider the forms, venues, and impacts of narrative nonfiction in contemporary culture. From the exploding popularity of personal essays in the digital age to the living, evolving essays we create on social media, we are constantly narrating and archiving our lives, shaping their content for specific audiences. In doing so, we shape what our experiences mean and represent. In order to analyze the power of narrative nonfiction, we will look at a variety of multimodal texts: essays, podcasts, Instagram and Twitter feeds, stand-up comedy, and storytelling slams, as well historical texts such as the essays of Michel de Montaigne and historical artifacts at the National Archives in Boston. We will also write our own narrative nonfiction, and adapt our first-person stories for listening and viewing audiences, such as the MassMouth story slam and podcasts like This American Life. Additionally, we will practice narrative nonfiction for professional audiences, using storytelling as a way to showcase personal strengths to employers, internship coordinators, and the like.

- **SF-1144 Native Americans: Walking in Two Worlds?**

Credits:

4.00

Description:

Native Americans are often described as walking in two worlds, as they attempt to navigate the process of maintaining their tribal identity and heritage while living in mainstream America. In recent years there has been a shift towards tradition and heritage, and a rejection of Western values and norms in both the US and Canada. In this course we will look at how Native people live in the US and Canada today, and examine the extent to which they are either trying to walk in two worlds or perhaps rejecting the two worlds model. To help us answer this question, we will read about reservation life, the Idle No More Movement, Indigenous History, and current events. We will also watch videos and explore indigenous culture.

- **SF-1145 Emergence of Southeast Asia**

Credits:

4.00

Description:

Explores the eleven countries and 600 million people of Southeast Asia starting with foundations- geography and environment- and then looking at the human imprint, in the form of the history, religions, and cultures of the region. An examination of contemporary issues related to demography, politics, and (especially) economics.

- **SF-1146 Fido the Friendly Wolf: A Natural History of Dogs**

Credits:

4.00

Description:

This course explores the evolution of dogs from wolves and the ways in which dogs have adapted to their niche in human society. The ecology, behavior, genetics, and adaptations of dogs will be explored in relation to both their wolf ancestry and artificial selection by humans. The course includes 2 mandatory field trips to a wolf sanctuary and an animal shelter.

- **SF-1147 Global (In) Security: From ISIS to Ebola**

Credits:

4.00

Description:

This course reviews the principal features of global and national security as it is currently practiced by tracing the evolution of theories, policies and circumstances whereby current international security is developed. Students will evaluate the nature and origins of war, arms proliferation, military instability, terrorism, genocide, health threats and natural resources depletion.

- **SF-1148 Brave New Worlds**

Credits:

4.00

Description:

Explores themes of adventure, self-discovery, exile, and culture shock in classic and contemporary travel writing (including fiction, poetry, and non-fiction) as well as film. Students will experiment with creative writing of their own, develop theories of cosmopolitan world citizenship, travel through the city of Boston on field trips, and team up to learn about different countries in Suffolk's global network of study abroad programs.

• SF-1150 Religion in Contemporary Society

Credits:

4.00

Description:

This course is design to provide students with an overview of the social settings and cultural meanings of religion in the contemporary world. Topics that will be covered in reading and discussions include the rise of religious fundamentalism, religion and violence, women's and men's religious experiences, new religions, and portrayals of religion in popular films. In addition to the readings, students will observe and experience religious expressions and activities through fieldwork assignments. The emphasis on films and fieldwork reflects my belief that religion is made up of lived experiences of actual individuals and communities. In order to understand religion in contemporary society we will make every effort to see (in person or in film) a wide range of religious activities. The films we will see include some of the following: Leap of Faith, Devil's Playground, Kadosh, Women of Hizballah, Singing Stream, A Still Small Voice.

• SF-1151 Reproduction and Society

Credits:

4.00

Description:

This course explores relationships between reproductive health and rights both nationally and internationally. Many of our topics fit into two broad areas: conflicts over the control of childbearing (sterilization abuse, birth control, and abortion) and conflicts over who deserves to be a mother, especially when the mothers in question face social stigma and lack political power. Other topics include safe birth and maternal mortality, breastfeeding, infertility and reproductive technology. We also examine the politics of women's sexual and reproductive autonomy, including the policies that shape women's choices to prevent, achieve, abort, or carry to term a pregnancy. Throughout, we are guided by the following questions: Why is reproduction an important site through which to understand society? How do statuses such as race, class, gender, sexuality and ability influence people's reproductive possibilities? What is the role of the state in shaping these experiences? How have communities supported or resisted efforts at reproductive control? Why is reproductive justice central to these answers?

- **SF-1152 The Idea of America: Past, Present, Future**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. The course will also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. Because this course intends to apply theoretical understanding to real life, students will be expected to read contemporary journalism on a regular basis and assess the controversies of today in the light of the nation's philosophical and historical currents.

- **SF-1153 Law, Disease, and Public Health**

Credits:

4.00

Description:

This course is about public health law, which is the study of the legal powers and duties of the various systems of government in the United States (federal, state, and local) in collaboration with their partners (e.g., health care, business, the community, the media, and academe), to ensure the conditions for people to be healthy (to identify, prevent, and ameliorate risks to health in the population), and of the limitations on the power of these systems of government to constrain for the common good the autonomy, privacy, liberty, proprietary, and other legally protected interests of individuals. The prime objective of public health law is to pursue the highest possible level of physical and mental health in the population, consistent with the values of social justice. The course will focus especially on public health law in the area of epidemic disease. Case studies will be made of the Great Influenza of 1918 and the origins and spread of the Ebola virus, culminating in an examination of outbreaks of Ebola in the United States.

- **SF-1154 Introduction to Visual Studies**

Credits:

4.00

Description:

This seminar provides an introduction to Visual Studies, a relatively new interdisciplinary field that examines how images communicate and the roles that they play in society. Students will apply the concepts and techniques of Visual Studies to analyze sites and signs around Boston, such as advertisements, street signs, fashions, newspaper photographs, buildings, and public spaces. Class projects will increase students' awareness of their visual environment and their ability to critically analyze the visual rhetoric that surrounds us and is often used to manipulate us.

Type:

Local Engagement Experience

- **SF-1155 The Boston Olympics**

Credits:

4.00

Description:

This class will teach students about the key role that sporting events can play in building a city, building its brand and the politics surrounding the process of these things occurring. Topics may include: urban development in general and the transformation of the industrial to the post-industrial Boston; the way in which cities use events like the Olympics to build their place brands; the way an effort like the Olympics can be used to encourage large scale public investment in longer term infrastructure projects that otherwise might not be justifiable; and the way government works with interest and community groups to try to shape public policy.

- **SF-1156 Thinking About the Insanity Defense**

Credits:

4.00

Description:

This course examines sixteen case examples providing a clear and compelling introduction to one of the most important topics in the relation between public policy and law. This course addresses: the history of the insanity defense; the effects of different standards for determining insanity; the arguments for its retention; abolition, and revision; media and other responses to it; and the controversies around pre and post conviction commitment. The case examples illustrates a variety of outcomes and include individuals who were found not guilty by reason of insanity; found guilty even though mentally ill; and not charged because of mental illness.

- **SF-1157 Germany in Film and History, 1945-2015**

Credits:

4.00

Description:

Since 1945, Germany has had a lot of history to reckon with- and 21st century Germany history through film, newsreels and other archival footage, radio and TV shows, war memorials and museums built since 1945, novels, published diaries, and memoirs. We will also read recent historical scholarship to put these cultural texts in context. Topics include the representation, in film and other texts; of: post-war rebuilding, the German Economic Miracle; the building of the Berlin Wall; radical politics of the 1960s and 1970s; coming to terms since 1945 with Germany's Nazi past and the Holocaust; coming to terms since 1990 with the Stasi and East German past; Ostalgie (nostalgia in the 21st century for some aspects of East German socialism); the multicultural society that is Germany today, with new Turkish, Greek, Russian, Arab, and even Israeli communities.

• SF-1158 Global Climate Change

Credits:

4.00

Description:

Conversation about the weather is considered to be the universal icebreaker. Yesterday's sweltering heat, the storm predicted for this weekend, even long-term climate shifts find their way in our daily conversation. Today, however, such casual conversations have an edge to them, because we are realizing that humans play a role in determining the climate shift. In fact, understanding the human fingerprint in the Arctic tundra melting, or a devastating hurricane, has gone well-beyond small talk to become one of the most important challenges our society faces today, and on that is wedded to geopolitics. To meaningfully participate in any dialogue that addresses this challenge people have to be aware of certain key ideas of Physics and Planetary Science. The aim of this course is to provide you with some of the essential facts and pieces of science underlying such questions. This course will enable you to grasp many of the issues that dominate today's political discourse and to develop an informed opinion (your, not our!) for which you can rationally argue.

• SF-1160 Individuals and Society in the Zombie Apocalypse

Prerequisites:

CAS Freshmen Only

Credits:

4.00

Description:

The Walking Dead tells viewers that life in the zombie apocalypse requires people to fight the dead, fear the living. Sociologists want to know why we should fear the living. How do individuals come together and try to recreate society for themselves: either to build community or fight other groups? What role do morals and values have in a society? How does all of this determine life, death, and the struggles people must face? Questions like these will give our class a new view of The Walking Dead and can help us to learn more about the society that we live in where so far the dead have remained in the ground.

- **SF-1162 Space Missions: From Moon to Mars and Beyond**

Credits:

4.00

Description:

It is hard to believe that only 60 years ago, our only close-up view of a planetary body was that of Earth. We are truly living in the Golden Age of Space Exploration, when a new mission every few years brings us spectacular images from either a neighbor in the solar system or galaxies at the edge of the universe. This course will describe the dozen space missions that changed our view of the universe, ranging from our solar system to the most distant galaxies.

- **SF-1163 Spellbound! Witches, Wizards and Spirits In American Literature**

Credits:

4.00

- **SF-1164 Reinventing Europe: Beyond Brexit and Secular Stagnation**

Credits:

4.00

Description:

While newspaper headlines focus on the multiple problems Europe is facing today, the evolving adaptation of European nation states and the integration process receive less attention. Brexit and economic crises seem to be synonymous of Europe today, but facts such as the European Union accepting five new members in the coming five years or Europe being the most advanced environmental actor or the main international provider of official aid are often ignored by public opinion. This Seminar for Freshman examines the dynamic evolution of the integration process in Europe in the

context of globalization. Three sections articulate the main debates and tensions in the interplay between national and supranational institutions and policies. The first part analyzes how eight European countries have forged their national preferences to delineate their level of immersion in the integration process; it later proceeds with the examination of the main historical events in the history of the integration process. The second part explores the functioning of the EU institutions in order to grasp the essence of the complex policy-making in the Europe of 28 members. The third and final section presents the analysis of the main areas of the EU policy making such as agriculture, monetary and economic issues, among others, and observes the main developments in the area of EU external relations.

- **SF-1165 History of Boston**

Credits:

4.00

- **SF-1166 Cinema-Monde: Global Challenges on Film**

Credits:

4.00

Description:

This course focuses on French-language films - with subtitles! - that address pressing social issues of the 20th and 21st centuries, such as hunger, female genital mutilation, immigration, racism, economic inequality, genocide, gender, sexuality, colonialism and post-colonialism.

- **SF-1167 Fantasy Fiction: Imaginary Worlds**

Credits:

4.00

- **SF-1168 The Real Thing: the Pursuit and Problems Of Authenticity**

Credits:

4.00

Description:

This course will focus on the concept of authenticity in American culture, from its origins in the early 19th century to the present. When the advertising gurus of Coca-Cola branded it as "The Real Thing," they were exploiting something powerful: the idea of something real, stripped of any falsity or illusion. Humans have always desired to know the world and others as they really are," but this desire is particularly strong in the modern world: witness the eagerness to discover one's true self," cut through the B.S., obtain the genuine article, and live authentically. In this course we will interrogate this pursuit of the Real Thing. In various ways, the texts we study both embrace authenticity as an ideal and also question its goodness, usefulness, or even its very possibility. We will thus confront a number of interrelated questions: Where does this desire for authenticity come from? What counts as authenticity," in life and in art? Is authenticity really a virtue to live by? How does it shape artistic and literary expression? Is there even such a thing as the real you This course will be divided into three units. In the first unit, "Counterfeiters and Self-Made Men," we will study how a commitment to authenticity arises in antebellum American literature and culture during a time of rapid national expansion and invention. Readings will include texts by Henry David Thoreau, Ralph Waldo Emerson, Herman Melville, and P.T. Barnum. In the second unit, "Authenticity and Contamination," we will consider two major ways in which authenticity becomes idealized around the turn of the 20th century: as artistic ideal set against fears of mass cultural production, and as a cultural ideal set against fears of racial and cultural mixing. Readings will include texts by Ernest Hemingway, Nella Larsen, Jean Toomer, and William Carlos Williams. In Unit Three, "Buying and Selling Authenticity," we will examine how authenticity becomes commodified (

- **SF-1169 Immortality: Real and Imagined**

Credits:

4.00

Description:

Most of the world's religious traditions have as a part of their doctrines some notion of immortality, rendered both in scriptures as well as iconographically. What precisely is entailed by immortality and why does it constitute such a significant element of so many religious traditions? What can we learn about immortality by investigating various conceptions of the afterlife? Is immortality truly a desirable thing? These questions among others will be examined from the perspectives of philosophy, religion, psychology, anthropology, and biology. Besides being cross-disciplinary, the course will be multi-media in nature. In addition to reading philosophical and religious texts concerning the nature of immortality, students will study various accounts of immortality and the afterlife, examine how the afterlife has been dealt with in (visual) art, literature, and film, and investigate current research into life prolongation (biomedical gerontology).

- **SF-1170 From Philia to Facebook: the Meaning of Friendship**

Credits:

4.00

Description:

The thematic focus of this seminar will be friendship. Friendship is one of the most important of human relationships; one that every student in this seminar has already participated in for many years. It shapes who we are and helps determine who we may become. And while it is a universal phenomenon, it has been practiced quite differently at various times and places in human history. And while we all have an intimate, personal and practical knowledge of friendship through our own experiences, sometimes things that are so close and so obvious to us can be hard to see. Over the course of the semester we will inquire into friendship from many different angles, trying to gain both a broader and a deeper understanding than our own individual experience allows. We will look at friendship first through the lens of philosophy, particularly through the foundational text of Aristotle, *The Nicomachean Ethics*. We will look at other views of friendship from the ancient world, starting in the past to help us see that friendship has not always been thought of the way we think of it now. After this initial foundation is laid, we will examine other writers and thinkers and take up additional topics like friendship in different cultures, friendship and gender, friendship in and through the arts and include an examination of friendship through the lenses of many different academic disciplines to see how other systematic thinkers conceive of friendship. All along we will be comparing and contrasting with our own personal experiences and considering what modern technology, such as social networking sites, has done to influence friendship, in the way we practice it and the way we conceive it. It is the aim of this class that students not just study different academic points of view, but that they take up the questions and challenges that these thinkers present to them and fully engage with them on a meaningful personal level.

- **SF-1171 Living on and Beyond the Hyphen/Latino Writers in the USA**

Credits:

4.00

Description:

Hyphenated-Americans of Latino origin come from many places and backgrounds. Often perceived as a divide, an either/or that separates and distinguishes one ethnic group from another, the hyphen can also be viewed as a link that connects, integrates and facilitates the formation of new cultural spaces. Through films and written narratives by and about U.S.A. Latino(a)(x)-Americans, students will examine how individuals who live on the threshold between two languages and cultures embrace the challenge of preserving their own identity and moving beyond stereotypes. Each of the Latino/a/x authors that we will read in this course will describe his/her own experiences living in the U.S.A. By examining their views through our own filtered lens we shall try to answer questions like the following: 1. What role does language have in our definition/understanding of cultural identity? 2. How do individuals move beyond the hyphen and stop seeing themselves as hybrids? 3. How can an individual who does not belong to a marginalized group (i.e. one considered less powerful and secondary) understand and empathize with those who do? 4. How does globalization affect the dichotomies that arise in bi-cultural and multi-cultural communities?

- **SF-1172 The United States Mexican Border**

Credits:

4.00

Description:

One hundred and sixty nine years have passed since the Treaty of Guadalupe Hidalgo was signed. It is only fitting to analyze the profound changes that the gain/loss of these territories caused for the citizens of both sides of the border. This course will explore the literature, culture, and history of the United States-Mexican Border and the most pressing problems pertaining to the region. Emphasis will be on contemporary border theater and film. The works of Salcedo, Galindo, Lopez and others will be studied as well as contemporary films and documentaries such as *Alambrista*, *Senorita Extraviada*, *The Gatekeeper*, *Sin Nombre*, *Wetback: the Undocumented Documentary*, *Victoria para Chino*, *Which Way Home*, and much more. There are no prerequisites for this course. Though the course is conducted in English, parallel readings in Spanish will be made available to those who wish to read and/or compare the original texts.

Students in the CAS Honors Program should choose one Seminar for Freshmen course from those listed below:

- **SF-H101 Fixing the World- Energy and Water: The Science of Solutions**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

Two of the most daunting challenges the world faces (or will face) is how to provide for both its growing energy needs and potable drinking water. Regular news events include climate change, droughts, flooding, and petroleum struggles. Human nature often requires a severe crisis before it responds. This course will investigate the historical science driving the use of energy since the Industrial Revolution to convert energy resources into work, including the steam engine, the electric motor, and the internal combustion engine. It will also consider alternative energy options to fossil fuels, such as solar, wind, geothermal, and ocean power. Along the way we will consider the evidence for Global Warming and Climate Change. We will look into human nature, simple life styles, conspiracy theories, and the influence of those in power to shape human opinion. We will also consider how our water supply is provided and where it goes after being used. What options do developing countries or drought racked areas have to remedy their water needs? Although the course pursues a scientific understanding of these issues, the mathematics used will be gentle, and a larger emphasis will be placed on the intuitive appreciation of these concerns.

- **SF-H116 Enlightened Insanity**

Prerequisites:

CAS Honors students only.

Credits:

4.00

Description:

Rain or shine, the great 18th century Enlightenment philosophers would meet at the famous cafes of Paris to discuss their ideas, and to observe and criticize society. From these informal debates emerged ideas that are at the core of our modern understanding of the nature of society, marginality, human nature, civil rights, the essence of creativity and genius. Come join us in the quest to understand, define, observe, and analyze the key ideas and concepts of these great thinkers, such as Rousseau, Diderot, and Voltaire, still so relevant in our time. We will read key works of these creative thinkers and philosophers. We will enrich our experience and understanding through the use of film, theatre performances, museum visits, as well as the occasional cafe debate.

Type:

Honors

- **SF-H126 The Boston Theatre Scene: The Inside Experience**

Credits:

4.00

Description:

Using the current Boston theatre season as its syllabus, this writing- and analysis-intensive course will explore several plays in production at some of Boston's many professional theatres. We will study the script of four to five plays before attending performances of those works. Students will gain insights on the world of theatre through backstage tours and conversations with theatre professionals such as producers, directors, actors, designers, playwrights, and critics. Students must be available for evening (usually Wednesday) performances. A fee for student-rate tickets will be assessed.

Type:

Honors

- **SF-H178 Sacred Hoops & Sneaker Pimps: Understanding the American Hoop Dream**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This course is about the basketball hoop dream played out at the high school and college levels. We will study a wide variety of materials - novels, films, websites, reference works - to understand both the construction, and destruction, of the hoop dream in such diverse places as New York City, Seattle, rural Indiana, suburban Georgia, and the Wind River Reservation in Wyoming. Issues of race and culture will serve as guiding themes as we develop critical theory explaining why the hoop dream has persisted, and adapted, over time, to fit the needs of its believers and supporters.

Type:

Honors

- **SF-H182 Heroes, Antiheroes and Outsiders: Reading the Graphic Novel**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

How is it that comics", a genre often viewed as entertainment for children and adolescents, has become one of the most exciting forms of narrative and visual art? To answer this question, this seminar will examine a range of graphic novels, from those that celebrate their origins in superhero comics, such as Alan Moore's *Watchmen*, to those that treat subjects not usually considered proper to the comics genre, such as Art Spiegelman's *Maus*, about the Holocaust, and Alison Bechdel's *Fun Home*, about the complexities of sexual identity. As we read these works, we will look at how the combination of words and still images makes the graphic novel a unique storytelling form, as well as how artists and writers push the envelope to create new styles and challenge our expectations. In addition to class discussions and writing assignments, we will take a field trip to the Museum of Fine Arts and create a collaborative group graphic novel step-by-step over the course of the semester (all abilities welcome).

Type:

Honors

- **SF-H197 Sustainability, Energy, and Technology At Suffolk University**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

In this project and team-based course, students study a sustainability problem at Suffolk University and spend the semester developing proposals to address the problem. At the end of the course students will present their proposals to Suffolk University's sustainability committee, and will exhibit their websites and visual aids in the Donahue lobby to educate the Suffolk community about sustainability. If their proposals are well-researched and well-communicated, students can see their ideas actualized while they are still undergraduates.

- **SF-H1134 The Meaning of Life**

Prerequisites:

CAS honors students only.

Credits:

4.00

Description:

What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? This award-winning course offers a cross-cultural, interdisciplinary exploration of these questions through philosophical and religious texts, art, fiction, autobiography, and psychological studies. The course opens with the Old Testament's book of Ecclesiastes, followed by three units: 1) A Life Worth Living: Humanity's Ideals focuses on the ancient and modern visions of human flourishing; 2) Threats to Meaning: Humanity's Discontents, discusses the disillusionments leading to the loss of meaning; and 3) Recovery of Meaning: Crises and Hopes, explores the post-crisis possibilities of self-discovery and growth. Please visit <http://meaningoflife.cherkasova.org/>

Type:

Honors

- **SF-H1135 Women Warriors: Stories of Captivity, Conversion, and Confession**

Credits:

4.00

Description:

Since the beginning of time, women have been doing battle to themselves, while men have gone to battle against others. Whether it is through converting to Christ, yielding to captors in order to survive, or carrying a baby, this course introduces students to the many ways in which, whatever battles they face, women are warriors; they survive. Utilizing an array of captivity, conversion, and confession narratives by women, and pairing them across the centuries, students will make connections and draw conclusions between early-and mid-19th-century-American and contemporary women. Students will connect, for example, the trials of the 17th-century Puritan captive, Mary Rowlandson, and contemporary hostage, Elizabeth Smart, to explore how women (no matter how different they seem) draw upon unique inner resources to survive.

Type:

Honors

- **SF-H1146 Fido the Friendly Wolf: A Natural History of Dogs**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This course explores the evolution of dogs from wolves and the ways in which dogs have adapted to their niche in human society. The ecology, behavior, genetics, and adaptations of dogs will be explored in relation to both their wolf ancestry and artificial selection by humans. The course includes 2 mandatory field trips to a wolf sanctuary and an animal shelter.

Type:

Honors

- **SF-H1148 Brave New Worlds**

Prerequisites:

Restricted to CAS Honors students

Credits:

4.00

Description:

Explores themes of adventure, self-discovery, exile, and culture shock in classic and contemporary travel writing (including fiction, poetry, and non-fiction) as well as film. Students will experiment with creative writing of their own, develop theories of cosmopolitan world citizenship, travel through the city of Boston on field trips, and team up to learn about different countries in Suffolk's global network of study abroad programs.

Type:

Honors

- **SF-H1152 The Idea of America: Past, Present, Future**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. The course will also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. Because this course intends to apply theoretical understanding to real life, students will be expected to read contemporary journalism on a regular basis and assess the controversies of today in the light of the nation's philosophical and historical currents.

Type:

Honors

- **SF-H1161 The Playwright and the Stage**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This writing and script analysis intensive course will explore plays across a range periods and styles. The scripts of five plays will be studied and we will attend performances of two of those works at professional theatres in Boston. Other activities will range from a backstage tour to conversations with theatre professionals such as producers, directors, actors, designers, playwrights and critics, in order to lift the script off the page and provide a living experience of theatre. Requires students to be available for evening (usually Wednesday) performances. A fee for tickets at student rates will be assessed.

Type:

Honors

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Science Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AS degree program requires the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

First-Year Writing: 2 courses, 8 credits

- **WRI-101 First Year Writing I**

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- **WRI-102 First Year Writing II**

Prerequisites:

WRI-101 or ENG-099 with at least a B and ENG-P099 with a P or WRI-H103

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

A student may be assigned to other writing courses or may be invited to take WRI-H103. Students required to complete ENG-099 may be allowed to waive WRI-101 with a grade of “B” or better and the approval of the English department. Students who are invited to complete WRI-H103 and earn a “B” or better satisfy the two Writing Requirements. Waiving a course does not earn credits.

- **WRI-H103 Advanced First Year Writing**

Prerequisites:

By Invitation Only.

Credits:

4.00

Description:

This course is by invitation only and reserved for incoming Suffolk students with high admission scores. Advanced study and practice of writing process, revision, and research, based on close readings of a variety of texts. Fall semester only.

Type:

Honors

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Science Degree

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The AS degree program requires the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
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- [Social, Cultural, & Global Perspectives](#)
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- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Creativity & Innovation: 1 course, 3 credits

Choose one Creativity & Innovation course from those listed below:

- **ADF-S171 CI: Integrated Studio 1**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

Type:

Creativity and Innovation, Arts Admin Minor Elective

- **ADF-S172 CI: Integrated Studio II**

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

Type:

Creativity and Innovation

- **CI-000 CI Place Holder**

Credits:

0.00

Description:

Place holder for rooming purposes.

- **CI-101 Process and Epiphany**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Despite its mystical connotations, creative epiphany is the result of a long engagement with the creative process that results in a surprising and unpredictable understanding of a concept or the solution to a problem. In the way that the discoveries of science are guided by the scientific method, the path to creative innovation is through a directed creative process. All creative innovators follow such a directed creative process, whether they are industrial designers or fine artists, performers or inventors, architects or entrepreneurs. This course explores both historical examples of individuals whose creative innovation changed the world, as well as hands-on collaborative, practical problem solving employing the creative process.

Type:

Creativity and Innovation

- **CI-H101 Honors- Process and Epiphany**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Despite its mystical connotations, creative epiphany is the result of a long engagement with the creative process that results in a surprising and unpredictable understanding of a concept or the solution to a problem. In the way that the discoveries of science are guided by the scientific method, the path to creative innovation is through a directed creative process. All creative innovators follow such a directed creative process, whether they are industrial designers or fine artists, performers or inventors, architects or entrepreneurs. This course explores both historical examples of individuals whose creative innovation changed the world, as well as hands-on collaborative, practical problem solving employing the creative process.

Type:

Creativity and Innovation, Honors

• CI-102 The End of Global Poverty

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. More than one-third of our global population lives in poverty, earning less than two dollars a day. Governments, businesses, social enterprises, and charitable organizations have tried to solve the global poverty issue with mixed results. What is the solution? Is entrepreneurship the solution, part of the solution, or has no impact whatsoever? In this course, you will gain an understanding of the power of entrepreneurship (in the context of creativity and innovation), the definition and depth of global poverty (in the context of constraints, such as human, financial and physical resources embedded in local, regional, national and global cultures), and successes and failures of past initiatives to reduce poverty. This is not a course about politics or business, but rather finding a solution to a problem that has eluded mankind since the beginning of time.

Type:

Creativity and Innovation

- **CI-H102 The End of Global Poverty**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. More than one-third of our global population lives in poverty, earning less than two dollars a day. Governments, businesses, social enterprises, and charitable organizations have tried to solve the global poverty issue with mixed results. What is the solution? Is entrepreneurship the solution, part of the solution, or has no impact whatsoever? In this course, you will gain an understanding of the power of entrepreneurship (in the context of creativity and innovation), the definition and depth of global poverty (in the context of constraints, such as human, financial and physical resources embedded in local, regional, national and global cultures), and successes and failures of past initiatives to reduce poverty. This is not a course about politics or business, but rather finding a solution to a problem that has eluded mankind since the beginning of time.

Type:

Creativity and Innovation, Honors

- **CI-103 Making Inventions: Sticking Your Neck Out**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course examines cutting edge technologies, the science behind them, and their practical application and follow-up success or failure. It also provides the students a chance to consider the relevance of identified needed inventions from the 1950s, and whether those projections were correct. The history behind some remarkable inventions will be presented. Finally, working in small teams, students will brainstorm to identify something useful to invent and determine several approaches to implementing it.

Type:

Creativity and Innovation

• CI-104 Historic Mentors: Biographies of the Creative and Innovative

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course introduces students to creative and innovative practices as a disciplined approach to problem-solving. Students are presented with diverse individuals and environments, thoughts and actions, challenges and opportunities, approaches and alternatives, successes and failures, and ethical behavior--all within the context of historical biographies of inventors, entrepreneurs, artists, musicians, writers, politicians, leaders- nationally and globally. Mentoring is becoming a lost art form. However, it is crucial for passing down the best of our civilization. This course offers a vicarious mentoring that enables students to critically learn from and assess the experience of others in a vast array of contexts. Thus, students are presented with a cross-section of role models for creative, innovative and ethical success.

Type:

Creativity and Innovation

• CI-106 Failing Successfully

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. Did you know Netscape was the internet browser? What about MySpace, arguably the Facebook of the last decade? What led Apple from being innovative pioneers of the 70's to the verge of extinction in the 80's to the technological giant they are today? Technologies come and go, but what leads to organizations lasting more than 100 years such as IBM, General Electric, etc.? What role does failure play in successful innovation, decision-making, and business viability? In this course, you will learn about innovation that may have been successful and well-executed. You will also learn about innovation that was a viable business opportunity, but poorly executed: one phase of failure. In addition, you will learn about innovation that had no real market viability, but was launched anyway: another phase of failure. Can failure lead to success? If so, how?

Type:

Creativity and Innovation

• CI-H106 Failing Successfully

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. Did you know Netscape was the internet browser? What about MySpace, arguably the Facebook of the last decade? What led Apple from being innovative pioneers of the 70's to the verge of extinction in the 80's to the technological giant they are today? Technologies come and go, but what leads to organizations lasting more than 100 years such as IBM, General Electric, etc.? What role does failure

play in successful innovation, decision-making, and business viability? In this course, you will learn about innovation that may have been successful and well-executed. You will also learn about innovation that was a viable business opportunity, but poorly executed: one phase of failure. In addition, you will learn about innovation that had no real market viability, but was launched anyway: another phase of failure. Can failure lead to success? If so, how?

Type:

Creativity and Innovation, Honors

- **CI-107 Going Up: Skyscraper Design in Emerging Economies**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The human population is expected to be between 8.5 and 9 billion persons by the mid-21st century. The majority of those individuals will be living in urban communities. With large populations, high real estate costs, and limited land areas, the only way to construct in urban environments is to go up! In this course, students will have an opportunity to look at traditional and novel skyscraper designs, to consider the cultural and economic significance of such structures, and to use their imagination to develop a conceptual design of a skyscraper.

Type:

Creativity and Innovation

- **CI-108 Designing the Next Best Thing**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Demystifies the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking.

Term:

Offered Both Fall and Spring

Type:

Creativity and Innovation

- **CI-109 Virtual Globe Trekking: an Alternate View of the World**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will examine creativity and innovation through the lens of place. Modern geography is an all-encompassing discipline that seeks to understand the earth and all of its human and natural complexities - not merely where objects are, but how they have changed and come to be. The world is filled with ideas and perspectives. By changing your location, new perspectives emerge. This course will focus on the creative process to understand that each person creates in their own way. The students will test many methods to draw forth creative thought and seek to identify their own best method for calling on their own inner genius. Often this will involve failure and mixed results, yet this is where the students will learn their strengths and weaknesses.

Type:

Creativity and Innovation

- **CI-110 The Entrepreneur's Cocktail**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

How do you and your story drive business? This course takes an innovative look at human creativity and entrepreneurship. As an entrepreneur needs perseverance and high motivation, we will explore the importance of values, risk taking, problem solving, and the discovery of the market opportunities. In order for you to be creative and essentially create successful ventures, you will discover the nuances between the three factors and explore them further through interactive discussion and debate as well as collaborative group work. You will be encouraged to think in non-conforming ways and apply new concepts and develop your own personal operating principles.

Type:

Creativity and Innovation

• CI-111 The Future of Boston

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course introduces students to creative and innovative thinking based in the field of communication. Students will work in teams to wrestle with the challenges Boston will face in the future and propose feasible strategies to meet them.

Type:

Creativity and Innovation

• CI-112 Creating Problems: a New Solution for Sustainability

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

As the majority of the world population now lives in cities, for the first time in human history, issues of urban sustainability have become more complex and more important than ever before. Presented with case studies of urban efforts to gain a sustainability foothold, students will utilize ideation, critical thinking, and strategic decision making to both identify root problems and to present solutions. This course will lean heavily on ideation processes, teamwork, and logical methods of analysis to pursue actionable solutions for significant problems. The methods of problem identification and solution analysis learned in this class will be readily adaptable to many complex problems, helping the students to make informed and decisive determinations in their careers.

Type:

Creativity and Innovation

• CI-113 Revising Reality

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Reality and perception have been debated and discussed for millennia. Humans see and experience their world in different ways. How do humans determine what is true and good and what advancements are necessary? In this course, students will creatively explore these big questions and revisit knowledge using new and sometimes divergent perspectives. Students will participate in dirty and courageous learning by crafting products,

creating visual projects, and coming into original thought via trial and error. Students will also develop their analytical and critical thinking skills, while learning to communicate effectively and honestly.

Type:

Creativity and Innovation

• CI-114 Creating the Dream Team

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Every successful venture today is based on effective teamwork. Unlike a typical lecture format, Creating the Dream Team is a course that utilizes experiential group learning to provide students with pivotal team-building skills. These essential skills are vital for everyone's future success in the business world. As team players, students are challenged to think creatively. A collaborative problem-solving process is used to analyze real life business situations. Teamwork involves research, data collection and information analysis to develop creative solutions to typical business problems. Teams will utilize multi-media tools to present their innovative ideas. Classmates will provide peer feedback and review. Through iterations, all students will assume roles as project leaders, keynote speakers and collaborators on a series of Team Challenges. Upon successful completion of this course, all students will have formed working dream teams. As reinforcement and final evaluation, Dream Teams are required to create a multi-media Capstone Event as a course performance measure. This capstone presentation will showcase all of their newly acquired dream team-player skills.

Type:

Creativity and Innovation

• CI-115 Poetry Out Loud

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Students will develop a deep understanding of two seminal books of 20th century poetry and other key 20th century poems as they plan and execute small-group, end of semester reading performances. Students will write creative response poems to increase their understanding of the texts, and through cooperative decision making strategize effective ways to present their own poems and poems by Bishop or Frost. The class format will foster direct spoken engagement with matters of sound, rhythm, tone, and meaning. Final reading aloud performances will be recorded and added to the Suffolk University Poetry Center Archive.

Type:

Creativity and Innovation

• CI-117 Writing for Stage and Screen

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will engage students in the process of script writing. Working in groups of four or five they will craft adaptations of stories, create original scenes, or review sketches. By the end of the semester they will produce a complete script. Each alternating week, one group will serve as the executive committee that will approve the final draft of the script of the week. There will be exams based on the textual study of collaborative and adaptation techniques.

Type:

Creativity and Innovation

• CI-119 Theatre at Work

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Theatre at Work is an introduction to creative practice using live performance as a problem solving tool in an educational environment. Specifically, students will create a performance piece in response to an issue they have uncovered in collaboration with select groups of students in a host Boston Public School. There will be a special focus on normalizing risk-taking and the learning that comes from false starts and failed ideas. Students will be responsible for creating every aspect of their performance testing its feasibility on a limited budget, ensuring that the content meets established criteria, and successfully implementing and evaluating their success both with their peers and their audience.

Type:

Creativity and Innovation, Local Engagement Experience

• CI-H119 Theatre at Work

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

Theatre at Work is an introduction to creative practice using live performance as a problem solving tool in an educational environment. Specifically, students will create a performance piece in response to an issue they have uncovered in collaboration with select groups of students in a host Boston Public School. There will be a special focus on normalizing risk-taking and the learning that comes from false starts and failed ideas. Students will be responsible for creating every aspect of their performance testing its feasibility on a limited budget, ensuring that the content meets established criteria, and successfully implementing and evaluating their success both with their peers and their audience.

Type:

- **CI-121 Catastrophe Management: From 9/11 to the Boston Marathon Bombings**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will introduce students to the exciting world of emergency management from the perspective of scientists who are often utilized as experts during both small scale adverse events and large scale catastrophes. Students will actively and creatively explore the psychological, economic, and medical dimensions of these events and participate in role play in the classroom and site visits. By the end of the course, students will have a keen appreciation of emergency planning and management on the local and national levels.

Type:

Creativity and Innovation

- **CI-123 Comics & Co.**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Using visual narrative as the means of exploration, students will be led through a series of exercises that challenge their assumptions, broaden their perspectives, and excite their imagination. The relationship between critical, creative and inventive thinking will be the basis for individual and collaborative projects.

Type:

Creativity and Innovation

- **CI-125 Boston's Creative History in Perspective**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Our collective social consciousness is formed by physical space; through a mixture of exploration, discovery, and making, students will delve into the city that surrounds them, developing a sense of ownership and engagement in Boston's public space. During the course of the semester, students will uncover the ways that art and architecture have shaped the souls of cities around the world, using Boston as a template. In a series of local field trips, students will explore Boston through its art and architecture, focusing not only what is, but on what might have been -- designs that were ultimately unrealized. Through interview and visits with local artists and designers, students will also learn about the process of shaping public space, uncovering the myriad of ways that design decisions are political in nature. As a capstone to the course, students will create their own city plan -- identifying and researching a chosen social or physical challenge the city faces, then developing a proposal that would address their chosen issue. These design proposals will then be enacted using augmented reality. Like a layer of invisible ink, these projects will form a phantom city over the physical realities that surround us, displaying the dramatic potential of the imagination.

Type:

Creativity and Innovation

- **CI-127 Visual Perspectives: Coastline, Symmetries and Illusions**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

How do you measure the length of a coastline? How much symmetry is possible? What is an impossible object? How did the Mayans measure proportions? In this course, students will delve into these and other questions with a visual theme. While some will be clear-cut, others will be open-ended and require some choices, estimates or assumptions to be made. Throughout, the emphasis will be on creative problem solving.

Type:

Creativity and Innovation

• CI-129 Elements of Attraction- Supply and Demand

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The intent of this course is for students to examine and effectively express in writing their ideas on creativity and to inspire undergraduate students to exceed their current levels of learning. Students will learn to meaningfully integrate course content into long term-retained useful skills through applied creative collaborations. This course is based on the idea that exposure and insight development will enable students to better visualize themselves in their desired fields and make informed choices within the variety of options available to them. The focus of the course will help students to assess their personal interests and strengths as they plan for their own educational and professional futures.

Type:

Creativity and Innovation

• CI-131 Off to the Future: Leadership Through Compromise

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Some past political issues were resolved with great success (the Compromise of 1820), and some resulted in great failures (the US Civil War). In this course, students will study noteworthy political dilemmas of the past, identify the major problem solvers and examine the art of compromise. These investigations will provide guidance and inspiration for students to develop innovative and creative solutions to present day political problems such as climate change, immigration, Social Security, income distribution, higher education affordability, and homelessness. Students will work in teams and propose creative and innovative solutions that will convince the affected interest groups favorably, represented by teams of other students in the class, and result in compromises solving tomorrow's problems today.

Type:

Creativity and Innovation

- **CI-H133 Franklin and the American Experiment**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

What made Benjamin Franklin such a creative force in American history? We will explore the many facets of Franklin's life (printer, writer, scientist, statesman) and learn about Benjamin Franklin's political and diplomatic ventures, and will recreate some of his scientific experiments.

Type:

Creativity and Innovation, Honors

- **CI-135 The Design of Everything**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will explore a selection of the genius personalities and their creative work in 5 distinct areas of human creative endeavor; art, science, nature, technology and the built environment. The course explores the underlying similarities in the process of their discovery, invention and creativity across the disciplines. Studying such names as Newton, Warhol, Hawking, Jobs, Gaudi and Banksy, students will uncover the process of design through research, analysis, synthesis, iteration and error. In class group projects will allow a hands-on opportunity to create.

Type:

Creativity and Innovation

• CI-137 Re-write for Rights: Drafting a New US Constitution

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The American Constitution is an important document, framing the basis for our lives and the lives of our neighbors. Yet it is also a very old document, which may be seen as lacking when it is compared to newer constitutions from around the world, even places that we may regard as undeveloped. In this class we will study many constitutions and also talk to many people to craft a new constitution that reflects contemporary American society and its values.

Type:

Creativity and Innovation

• CI-H139 Creating, Promoting, and Participating in the Literary Arts

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. CAS and SBS honors students or GPA of 3.5 or above only.

Credits:

3.00

Description:

With the launch of Boston's new Literary Cultural District, we have renewed cause to celebrate the history and industry of literature in our city. This course will immerse students in the world of literary culture and its many branches: writing, editing, reviewing, and publicity. Students will practice the art of creative writing, and learn how writers find publishing venues, how authors build platforms for their work, and how literature reaches the public through readings, social media, book trailers and other marketing campaigns, authors interviews, and reader reviews. Various industry professionals, authors, editors and publicists will speak to the class about the artistic and business opportunities, trends, and futures of literature and literary publishing. Students will apply their knowledge and interests to a variety of projects, including book reviews, author interviews, social media campaigns, literary events, and other collaborative projects. We will also work as a class to launch a new digital literary journal at Suffolk.

Type:

Creativity and Innovation, Honors

• CI-141 Science = Creativity

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is focusing on the creative process by introducing students to creative practice as a disciplined approach to problem solving and innovation requiring research, persistence and grit. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in

original ways, embrace ambiguity and support divergent thinking and risk taking. The course will have an undertone based on science, but it is suitable for non-science majors too!

Type:

Creativity and Innovation

- **CI-143 Dreams, Demons, and Dynamic Artists Creative Nature**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

What motivates your creative nature? This course will explore converging themes in Art and Psychology in order to give students the tools they need to unblock their creative potential. Collaborative small team activities, assigned readings, large group discussions, and personal reflection exercises will provide an avenue for students to explore their own creative patterns and how they are influenced by, and perceived within, the world around them. Dreams, mental illness and psychosocial theories of self will also be widely discussed in order to give students context for this inter/intrapersonal exploration.

Type:

Creativity and Innovation

- **CI-145 Living and Laughing**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This is a course about laughing and living. While it sounds fun, it can also be complex, confusing, complicated, and convoluted. Laughter and humor are also very personal. The things that make you laugh are rooted in family, culture, and personality. We are going to spend the semester getting to know ourselves and each other in an attempt to understand more about why we enjoy what we enjoy.

Type:

Creativity and Innovation

- **CI-147 Seeing Double, Printmaking, the Art of Discovery, Experimentation and Process**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Always wanted to explore a creative side but never had the opportunity to take an art class? Here's your chance! Sync the power of icons/ images with ideas and making. We will use cellphone and printmaking technologies in a workshop style environment. Rather than a lecture based class, this class we will play, learn and build new Neurological pathways towards creative thinking. Come to every class excited to learn, make and discover. This course will give you the building blocks for innovative thinking beyond the classroom. Power is in the image. As in the way a dream can grip you, images carry incredible amount of influence and creative potential, when they are seen. Glimpses of these images circulate in media, movies, cell phones, and so on. Learn to develop your own images and understand the broad world of images of human culture.

Type:

Creativity and Innovation

- **CI-149 SL-Creative Writing and Literacy**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

In this course, students meet community needs by engaging in service-learning outside the classroom. This course will explore the value of creativity and play in developing reading and writing skills and the habits of lifelong learning, both in our own lives and in the lives of young people in Boston. In this course, we will work closely with the non-profit literacy organization 826 Boston, which works with students ages 6-18 on reading and writing skills through playful, creative workshops, as well as tutoring and other kinds of support. Students will learn about the work of 826 Boston by volunteering with the organization, and by the end of the semester you will conceive, plan, and run creative writing workshops of your own at 826 Boston.

Type:

Creativity and Innovation,Service Learning

• CI-H149 SL-Creative Writing and Literacy

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. This course will explore the value of creativity and play in developing reading and writing skills and the habits of lifelong learning, both in our own lives and in the lives of young people in Boston. In this course, we will work closely with the non-profit literacy organization 826 Boston, which works with students ages 6-18 on reading and writing skills through playful, creative workshops, as well as tutoring and other kinds of support. Students will learn about the work of 826 Boston by volunteering with the organization, and by the end of the semester you will conceive, plan, and run creative writing workshops of your own at 826 Boston.

Type:

Creativity and Innovation,Honors,Service Learning

• CI-151 Finding Your Creative Voice

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Schools and workplaces are becoming increasingly demanding and competitive, relying on unique ideas to continue innovation. Where do fresh ideas come from? This class will provide students with the tools they need to find creativity within themselves, and set them apart in the competitive arena. Students will explore who they really are at their core, identify their innermost thoughts and feelings, and uncover their creative identity while having fun! They will also learn to communicate, or share their creative voice clearly and honestly.

Type:

Creativity and Innovation

• CI-153 Branding and Visual Identity

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

A brand may be a product, service, an organization, or a person, and at the core of every brand is a visual identity. A brand's visual identity is its strategically planned and purposeful presentation of itself. It is manifest in the brand's name, logo, tagline (slogan), color palette and other sensory elements (visual, aural, olfactory and tactile) that identity that brand and make it unique. This course will focus on analyzing the success and failure of brand's visual identities as a way of teaching students how to brainstorm and develop a new visual identity from concept through execution. The focus in this course will be on applying creative thinking to create a cohesive and meaningful visual identity.

Type:

Creativity and Innovation

- CI-155 Improvising for Everyone, Everywhere

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Improv Comedy has become the cornerstone training of movies and television for the past 20 years. More recently, Corporate America has begun to recognize the importance of the skills improv teaches - agreement, listening, moving forward as a group and out-of-the-box thinking. This course immerses students in improv theatre exercises to apply not for performance, but to shed light on how to collaborate with others. Students will be required to actively participate in exercises in class, experiencing the benefits and takeaways first-hand. Students will be able to connect these exercises with the theories of creativity presented in text books and use both to create a final presentation piece. By the end of the semester, students will understand how to recognize and foster creative thinking to solve problems leveraging the power of a group. Students will gain confidence with presenting new ideas and responding to other student's ideas, understanding how to create and maintain relationships as part of an ensemble that encourages and values ideas.

Type:

Creativity and Innovation

- CI-157 Mindful Journal

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

To keep a journal is to make an investment, often long before we understand the value. A journal is a personal database of snapshots in time, good ideas and bad, observational doodles and unfiltered emotions. On any given page a journal may appear inconsequential but within the rigor of filling a whole notebook (and another, and another) an individual viewpoint emerges. This class will facilitate a student's ability to draw from his or her own lived experience and discover unique springboards into universal issues by making mindful connections. An entire lifetime of images, stories and details resides within each of our minds but the ability to explore that richness requires dedication to documentation. Mindful Journal is a process class fostering focus through mindfulness practices, content generation and meaning making.

Type:

Creativity and Innovation

• CI-159 Building a Better T

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

If any set of problems could use creative and innovative thinking, it's the myriad of problems facing the T. The Boston Globe is filled with stories about financial and organizational problems in the system, and you only have to spend a few minutes on the green line to feel the effects of those issues. Still, millions depend on it every day - it is the circulatory system of our city, and it is more than a way to get around: the T increases accessibility and functions as a democratizing force. That is, when it's running. In this class we will study the MBTA and other mass transit systems in order to propose creative solutions to the T's most pressing problems. We will read articles about the T and other transit systems, we will look at interactive maps that express different kinds of data, and we will visit local stations. In addition, we will study the process of creative thinking, in order to apply those skills to the issues at hand. You will be asked to create both stand-alone short writing assignments and visual representations of your ideas, accompanied by short, written explanations, both alone and in group projects.

Type:

Creativity and Innovation

• CI-161 Making History: Public Memory in the Digital Age

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

You live in Boston now. At least for a while. Perhaps you've noticed that it has its own ways of remembering things. Consider The Boston Literary District, The Freedom Trail, and all the many events and festivals devoted to history, culture, and identity. From guided tours and colonial cosplay to images and written texts to monuments, memorials, and museums, this city tells stories about itself today in the ways it tells stories about its past. In this class, you're going to tell more stories about Boston. You're going to help it find other things to remember, and other ways of remembering them. You'll likely need to focus on parts of the real events that Boston doesn't prefer to include in its stories, emphasizing issues of race, socioeconomic class, nationality, colonialism, gender, sexuality, and other stories of unequal power and how that manifests in real people's lives and in the culture of this city.

Type:

Creativity and Innovation

• CI-H161 Making History: Public Memory in the Digital Age

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

You live in Boston now. At least for a while. Perhaps you've noticed that it has its own ways of remembering things. Consider The Boston Literary District, The Freedom Trail, and all the many events and festivals devoted to history, culture, and identity. From guided tours and colonial cosplay to images and written texts to monuments, memorials, and museums, this city tells stories about itself today in the ways it tells stories about its past. In this class, you're going to tell more stories about Boston. You're going to help it find other things to remember, and other ways of remembering them. You'll likely need to focus on parts of the real events that Boston doesn't prefer to include in its stories, emphasizing issues of race, socioeconomic class, nationality, colonialism, gender, sexuality, and other stories of unequal power and how that manifests in real people's lives and in the culture of this city.

Type:

Creativity and Innovation, Honors

- **CI-163 A Course on Skepticism and Rationality**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Magician James The Amazing Randi reminds us that No matter how smart or how well educated you are, you can be deceived. In an age fraught with deception and misinformation, students need tactics and strategies in order to separate truth from falsity. This course encourages its participants to act as skeptics - not cynics, necessarily - by requiring evidence and proof before believing or accepting claims. Students are urged to identify the most-likely-to occur opportunities for deception in their major fields and draw from the tenets of classical rhetoric, logic, and the scientific method in order to develop safeguards. Frequent collaboration with classmates will allow for dynamic solutions to small and large-scale contemporary problems ranging from the personal (e.g. used car prices and avoiding fraud) to the universal(e.g. fake news and God).

Type:

Creativity and Innovation

- **CI-165 Becoming a Zig-Zag Master**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

We will be discovering the process of becoming more creative. The emphasis is on understanding the creative process and applying effective team-working strategies towards a shared goal. Each team will choose a project and develop it during the semester with the goal of improving a product, raising awareness about an issue in a creative way, designing a board game, designing a card game, etc. Inspiration will be drawn from the numerous successful innovators in the Boston area.

Type:

Creativity and Innovation

- **CI-167 Public Health: A Need to Think Outside The Box**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course seeks to make you an innovative public health thinker by examining past campaigns and making the necessary frameshifts to help promote, protect and preserve health of the Suffolk community through the innovative thinking process. Public health activists and designers can have a positive impact on the lives of citizens living in small communities. However, the agreed rules and regulations that make up this policy landscape are created by paradigms which can be constricting. The issues the course addresses will include Suffolk's current plans for reducing carbon emission, behavioral determinants such as alcohol consumption among college students, and improving eating habits on campus. The final project will be peer reviewed and presented to the class. Programs may then be forwarded to university departments for possible integration and implementation.

Type:

Creativity and Innovation

- **CI-204 Prague: Castles to Barbwire**

Prerequisites:

At least 24 credits earned.

Credits:

3.00

Description:

Prague offers students a more recent view into history and will serve as a backdrop to learning Design Thinking. The curriculum will use Czech and Central European cultural features as the inspiration for learning the creative process, skills that can be applied broadly and globally across disciplines. WWII and its fall to Communism left the Czech Republic undamaged. Artists played a vital part in the country's rise to a Republic during the Velvet Revolution. These dissidents, including writers, actors, artists and musicians were innovators who were the catalyst for change. One could say that creative minds changed this country. This course is designed to demystify the creative process by introducing the creative practice as a disciplined approach to problem solving and innovation requiring research. This one-month study abroad experience will offer a more worldly insight to the significance of developing skills where divergent thinking and risk taking are one of many key tools in learning to generate new ideas. Travel fee covers accommodations, transfers, some meals and cultural visits. Airfare and tuition not included.

Type:

Creativity and Innovation, Global Engagement Experience

Note: Students with 30+ transfer credits are exempt from this requirement.

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Science Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AS degree program requires the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Math: 1 course, 4 credits

Choose one Math course from those listed below:

- **MATH-128 Math for the Modern World**

Prerequisites:

MATH level 2, or Mathshop, or MATH-104

Credits:

4.00

Description:

From the ISBN on a book, to buying a car, from the size of small chips in a cell phone, to the size of the national debt, or just reading a graph in the daily newspaper, mathematics plays an important and vital role in countless areas of life and your future career and courses included. Mathematics is both an art and a tool created by humans. The common bond is a way of thinking and a way of reasoning to describe and solve problems of many types. This course uses the context of modern real life problems to introduce math needed for literacy and problem solving in contemporary life and work. It uses a minimal amount of algebra and focuses on math models, concepts and basic math manipulations. It encourages students to move from anxiety about math, to using formulas well, to thinking critically in the math context to use math to solve problems and pose new problems. Topics include scientific notation, basic financial math, linear, exponential and polynomial models and an introduction to probability. (Formerly Math 132)

- **MATH-130 Topics in Finite Mathematics**

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-132 Math-Art, Tool and Human Side**

Prerequisites:

MATH-000 or appropriate Math Placement Exam score. Course does not fulfill math requirement for SBS majors.

Credits:

4.00

Description:

Mathematics is both an art and a tool. It has been used in many ways in contemporary and ancient society. The common bond is a way of thinking and a way of using reason to solve problems and describe things of all sorts. The course is designed to cultivate an appreciation of the significance of mathematics in daily life and develop students' mathematical reasoning. Topics will vary from section to section. Examples of topics that might be included are: the real meaning of a newspaper graph, methods to tally votes, fair division, routes and networks, consumer mathematics, the 'real' cost of a house, shapes and patterns, fractals, soap film surfaces, prime numbers and encryption, new discoveries in mathematics.

• MATH-134 Calculus for Management & Social Sciences

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

• MATH-164 Calculus 1 Bridge With Trigonometry

Prerequisites:

Permission of Instructor

Credits:

4.00

Description:

This course provides an alternative to MATH 165 (Calculus I) for those students who have taken MATH 134 (Calculus for Management and Social Sciences) but who do not have the trigonometric precalculus prerequisite (such as MATH 121) for MATH 165. In other words, the sequence MATH 134 / MATH 164 serves as an alternative to the sequence MATH 121 / MATH 165, and similarly prepares students to take MATH 166 (Calculus II). The course includes a thorough review of trigonometry and other precalculus topics. Aspects of limits and differentiation which students have already seen in MATH 134 are presented briefly, but in most cases with more emphasis on conceptual understanding, and often illustrated using more complicated examples. New calculus topics (i.e. not covered in MATH 134) include one-sided limits, special trigonometric limits, differentiability, derivatives of trigonometric functions and their inverses, derivatives of general inverse functions, logarithmic and implicit differentiation, related rates, L'Hopital's rule, intermediate values theorem, Rolle's theorem, mean values theorem, Newton's method, and linearization. 4 lecture hours plus 1 recitation session each week. Normally offered in spring.

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



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- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Social, Cultural, & Global Perspectives: 1 course, 3-4 credits

Choose one SCGP course from those listed below:

- **ADPR-217 Gay and Lesbian Studies**

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social, and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions, and social movements.

Term:

Alternates Fall & Spring

- **ADPR-219 Rhetoric of Protest and Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **ARH-205 Gender, Class and Alterity in Ancient And Medieval Art**

Credits:

4.00

Description:

Explores issues of sexuality, gender, race, and social class in the ancient and medieval worlds. Examines key artworks from ancient Greece, the Roman Empire and medieval Europe within historical, social and cultural contexts.

- **ARH-321 Women, Art & Society**

Credits:

4.00

Description:

Surveys women artists from the sixteenth century to the present and examines new direction in art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

- **AS-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Both Fall and Spring

Type:

Asian Studies, Social & Intellectual HST

- **AS-500 Asian Studies Internship**

Credits:

4.00

Description:

Engages in an internship in a business or non-profit organization that deals with Asia or an Asian American community. Students may complete the internship either in Asia or in the U.S. Students will complete appropriate exercises and reports to document their learning. (1 course, 4-12 credits; can be taken multiple times in different semesters)

Term:

Offered Both Fall and Spring

Type:

Global Engagement Experience

- **BLE-325 Global Business Ethics**

Prerequisites:

BLE-215, PHIL-119, PHIL-120, PHIL-123 or PHIL-127

Credits:

3.00

Description:

Surveys business ethics as they transcend the diverse perspectives of global business. Explores current global ethics standards and values, ethical challenges, controversies, convergence and trends. Students explore famous global business cases through films, websites and independent research. Emphasizes identification and resolution of global business ethical issues within the context of ethical decision-making and sustainability. Analyzes corporate social responsibility ; hence, transforming global business ethics through business.

Type:

Global Engagement Experience

- **BLKST-250 Haiti, Guadalupe and Martinique**

Credits:

4.00

Description:

This course explores the rich intellectual tradition of Haiti, Guadeloupe, and Martinique by considering historical moments linked to colonialism, the abolition of slavery, the representation of gender, departmentalization, and decolonization through essays, films, poems, novels, and short stories by critics and writers from the 19th-21st centuries.

- **CI-204 Prague: Castles to Barbwire**

Prerequisites:

At least 24 credits earned.

Credits:

3.00

Description:

Prague offers students a more recent view into history and will serve as a backdrop to learning Design Thinking. The curriculum will use Czech and Central European cultural features as the inspiration for learning the creative process, skills that can be applied broadly and globally across disciplines. WWII and its fall to Communism left the Czech Republic undamaged. Artists played a vital part in the country's rise to a Republic during the Velvet Revolution. These dissidents, including writers, actors, artists and musicians were innovators who were the catalyst for change. One could say that creative minds changed this country. This course is designed to demystify the creative process by introducing the creative practice as a disciplined approach to problem solving and innovation requiring research. This one-month study abroad experience will offer a more worldly insight to the significance of developing skills where divergent thinking and risk taking are one of many key tools in learning to generate new ideas. Travel fee covers accommodations, transfers, some meals and cultural visits. Airfare and tuition not included.

Type:

Creativity and Innovation, Global Engagement Experience

- **CJN-216 Intercultural Communication**

Credits:

4.00

Description:

An examination of communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures.

Term:

Offered Both Fall and Spring

- **CJN-225 World Cinema**

Credits:

4.00

Description:

An introductory course in film studies with a focus on foreign films. Movies studied include masterpieces of cinema from Europe, Asia, the Middle East, and other nations (Films have subtitles).

Term:

Alternates Fall & Spring

- **CJN-281 Asian Popular Culture**

Credits:

4.00

Description:

Students critically analyze Asian popular culture since the 1980s using a cultural ethnographic approach. Students apply the lenses of gender, identity, globalization, and business strategies to examine pop phenomena such as Korean Wave, Cool Japan, and Cantonese popular music.

Term:

Occasional

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

By examining the film texts of Hong Kong auteurs such as John Woo, Wong Kar-wai, Tsui Hark, Andrew Lau, and Alan Mak, the course examines issues such as film genres, colonization/decolonization, transnational political economy, the Greater Chinese media market, and the diaspora.

Term:

Occasional

- **CJN-301 Documentary Film and the Image of Conflict in the Middle East**

Credits:

4.00

Description:

The course focus is on some of the divisions and conflicts within Israeli society. Students analyze and compare mainstream media discourse to alternative representations in documentary film. Analysis also covers media representation of the Israeli-Palestinian conflict.

Term:

Occasional

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

A critique of the circulation of media goods and ideologies from both a cultural and political/economic perspective. Topics include global Hollywood, the images of Muslim women in transnational media, the information society, and global social movements.

Term:

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Asian Studies

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **ENG-124 Great Books of the World II**

Credits:

4.00

Description:

This course will introduce students to a selection of Great Books from around the world from the 17th century to the 21st, such as Don Quixote (Spain), Madame Bovary (France), The Communist Manifesto (Germany), The Origin of Species (England), War and Peace (Russia), On Dreams (Austria), Night (Hungary), Things Fall Apart (Nigeria), Satyagraha (India), I Am Prepared to Die (South Africa), Saeed the Pessoptomist (Israel), The Rouge of the North (China), and The House of Spirits (Chile). Readings may vary at the discretion of the instructor.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **ENG-135 World Literature in English**

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

- **ENG-362 Asian American Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

Asian Studies

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continues to review grammar, practice speaking, and explore authentic cultural and literary texts in this writing-intensive course. Examines short readings, films, and print media.

Term:

Offered Spring Term

Type:

Modern Language

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

Explores the francophone world through the study of short stories, print media, and film, by engaging with the rich textured and diverse francophone literary canon. Teaches advance notions of French grammar, write compositions, and the art of conversation related to cultural themes.

Term:

Alternates Fall & Spring

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

Masterpieces of French and Francophone Literature in English Translation. Studies works translated into English by major authors from the Middle Ages to the present. Explores drama, fiction, and poetry from many regions of the world: Africa, Western Europe, North America, the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Studies in Literature

- **GVT-208 Politics / Religion**

Credits:

4.00

Description:

This course explores what major religions say about the status and responsibilities of the state and how, in turn, selective states have, in theory and practice, structured the place of religions in political life. Particular attention is given to issues of politics and religion in the United States. Cultural Diversity A

- **GVT-115 Evolution of the Global System**

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

Type:

Human Behavior & Societies

- **GVT-281 Intro to Comparative Politics**

Prerequisites:

GVT 110, GVT 115, and GVT 120 or consent of instructor; Sophomore status or higher

Credits:

4.00

Description:

This course examines various methods of comparing political systems. Institutions such as executive departments, legislatures, court systems and local governmental systems are examined comparatively. It includes analysis of the impact of different economic systems on political/governmental institutions, and on economic circumstances that impact government. It also looks at political socialization both in terms of process and comparative content. An effort is made to include countries from all regions of the world. Normally offered every year.

- **GVT-359 Hockey, International Development & Politics**

Credits:

4.00

Description:

This class examines the way in which national identity, global and regional economics and international development intersect. It uses the professionalization of the sport of hockey and its subsequent spread around the globe as its case. It will look at the rise of the pro game, the way in which it shapes national identity in the Canadian case, the way in which the pro business model has changed in response to broad socio-economic changes in North America and geo-political shifts around the globe, especially in Eastern Europe and the Former Soviet Union.

• GVT-360 Elections and Voting

Credits:

4.00

Description:

How are elections administered in the United States? Do Americans have confidence in the electoral process? Should they? Why or why not? This course will examine elections in the United States in detail -- from how they are funded to how they are administered to how voters behave. Students will have a choice of either serving as poll workers during the November election or organizing and conducting research of potential voters. Students will gain hands-on experience in actual research design, election administration, and non-partisan get-out-the-vote activities. In addition, students will gain a deeper understanding of the relationship between attitudes, opinion, and voting behavior in American politics and institutions. ECR

• GVT-391 Canada: Multicultural Politics

Prerequisites:

GVT 110/120 or Instructor's permission

Credits:

4.00

Description:

This course examines the Canadian model of incorporating diverse communities into its constitutional and political framework, including the founding British North American Act of 1867, the 1982 Constitution Act, and two later attempts at constitutional reform. Canada's role in balancing two official languages, English and French, is discussed, as is its recognition of a First Nations native-governed territory in the Arctic. This course introduces students to the Canadian polity and compares its parliamentary system with the U.S. separation of powers system. Prerequisites: GVT 110, GVT 120 or instructor's consent. Normally offered alternate years. Cultural Diversity B

- **GVT-467 Comparative Social Movements**

Prerequisites:

Junior status

Credits:

4.00

Description:

How do we explain the appearance or absence of social movements? What social or individual factors explain their development and decline? Who joins social movements? Who does not? Why? What ideas or ideals animate those who do participate? What is it like to be part of a social movement? What effect do they or have they had on politics, power and efforts at social change? These are some of the questions that have traditionally shaped debates over social movements, both domestically and internationally. They will form the analytical core of the work in this course. By critically evaluating several competing schools of thought in social movement theory and history we will attempt to highlight the social forces that have, at varying points in times, facilitated, maintained, as well as blocked the development of social movements in the US and beyond.

- **HST-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, the Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Fall Term

- **HST-246 History of Modern Iran**

Credits:

4.00

Description:

Examines the contemporary history of Persia (Iran) from the time of its independence in the beginning of the sixteenth century to the present with special concentration on geographical/historical background; social structure, ethnic, religious, and linguistic diversities; Safavid and Qajar dynasties; Anglo-Russian interventions and occupations; constitutional revolution and reform; centralization, secularization and modernization under Pahlavi dynasty; opposition to westernization and Islamic revolution.

- **HST-247 History of Modern Middle East**

Credits:

4.00

Description:

Explores the broad historical forces, conflicts and major events that have shaped the contemporary nations of the modern Middle East. Topic include: the emergence of the modern Middle East from the empires of the sixteenth and seventeenth centuries; the age of colonialism; the rise of nationalism; socialism, capitalism; the impact of Israeli and Palestinian conflict on the region; oil, the Islamic Revolution in Iran and the rise of Islamic fundamentalist movements; U.S. policy; and Saddam Hussein's Iraq.

Term:

Offered Fall Term

- **HST-251 Modern East Asia**

Credits:

4.00

Description:

China, Japan, and Korea - East Asia's critical players - share many historical influences, but each has a distinct culture, and they competed with each other for much of the twentieth century, proud of their achievements but feeling threatened by their neighbors. Lectures interspersed with movies and documentaries to show how East Asia has developed in the past one-hundred-plus years.

Type:

- **HST-263 Comparative Race Relations**

Credits:

4.00

Description:

Compares and analyzes the history of race and politics in South Africa and the United States from the 17th century to the present. Examines how race as a social and ideological construct influenced and informed political conflicts over land, labor, and social relations in the two countries including slavery, segregation, apartheid, and the struggle to create racial democracies.

Term:

Offered Fall Term

- **HST-268 History of the Mediterranean**

Credits:

4.00

Description:

Explores the history of the Mediterranean from the ancient times to the 20th century, with emphasis on the extraordinary interaction between the rich cultural, ethnic and religious backgrounds of the peoples of Europe, Middle East, and North Africa.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-274 Women in 19TH-CENTURY Europe**

Credits:

4.00

Description:

Explores the condition of European women from 1800 to 1914. Readings focus primarily on women's experiences in France and Great Britain. Topics include: the effects of industrialization on the lives of working-class women; working and middle-class women's negotiation of marriage, work, and family life; the rise of feminism, women's greater participation in the public sphere, and conservative reaction to these changes in women's place in society; women and crime; Victorian ideas about female sexuality; the politics of class and gender in nineteenth-century European society.

Term:

Occasional

- **HST-275 Women in 20TH-CENTURY Europe**

Credits:

4.00

Description:

Examines the changing place of women in European society since 1900. Topics include: women's suffrage and the political advances of the 1920s and 1930s; the revolution in sexual mores, birth control, and the rise of companionate marriage; women and the consumer economy; the anti-woman policies of Fascist Italy and Germany under National Socialism; liberation of women and retrenchment in the Soviet Union; World War II; feminism, sexual liberation, and women's political engagement since the 1960s; and, throughout the twentieth century, women's continuing negotiation of work and family responsibilities.

Term:

Occasional

- **HST-321 History of Islam**

Credits:

4.00

Description:

Presents a coherent account of the origin and history of Islam since its foundation in Arabia in the seventh century A.D. to the present. Analyzes the terms, events, characteristics, developments, movements, and institutions that have been part of the shaping of Islam. Ideological challenges and impact of Islam in the world today from both spiritual and political perspectives are examined.

Term:

Occasional

- **HST-371 U.S. Women's History Colonial to 1865**

Credits:

4.00

Description:

Traces the roles, images and experiences of women in America from colonial times to 1865. Topics include the family, work, religion, education, health care, motherhood, sexuality, social and political activism legal status, labor activism and popular culture. With attention to ethnicity, race, class, age, region of residence, disability and sexual orientation, the course focuses primarily on the everyday lives of ordinary women.

Term:

Offered Fall Term

- **HST-372 U.S. Women's History: 1865-present**

Credits:

4.00

Description:

Examines the social and cultural history of women in the United States from the close of the Civil War to the present. Using not only gender but also race, ethnicity, class, age, disability, region of residence, and sexual orientation as important categories of analysis, this course focuses on women's private and public lives. Topics include the family, work, religion, education, health care, private lives, motherhood, sexuality, social and political activism, legal status, labor activism, and popular culture.

Term:

Offered Spring Term

- **HST-484 History of the Emotions**

Credits:

4.00

Description:

Explores ideas about emotional life from the fields of history, anthropology, sociology, and psychology as well as the evolution of emotion rules and prescriptions, focusing on western Europe and the United States since 1700. In the eighteenth century, emotions were seen as a positive influence on politics and public life, especially during the French Revolution. After the fall of Robespierre, the emotions were banished to the private sphere - so we will read both primary sources and recent scholarship on 19th- and 20th- century ideas about masculinity and femininity, romantic love and marriage, childrearing, and about what parents and children are supposed feel toward each other, how ideas about these subjects have changed over time, and whether our feelings change with them.

Term:

Occasional

- **MUH-223 World Music**

Credits:

4.00

Description:

Covers topics in folk, traditional, and modern music of Africa, the Middle East, Asia, and Europe in the context of the cultures and lives of the indigenous peoples of those regions; examines how music interacts with the issues of race, gender, class, religion, politics, and social movements. Normally offered every other year.

Term:

Occasional

- **P.AD-201 Social Change**

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

- **P.AD-H201 Honors Social Change**

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

Type:

Honors

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

- **PHIL-228 Feminist Philosophy**

Credits:

4.00

Description:

This course is an introduction to the philosophy of feminist thought. Feminist theories of epistemology, metaphysics and morality will be examined as critiques of traditional philosophy,. Feminist perspectives and methodologies include radical, liberal, postmodern, as well as more recent trends in ecofeminism. Special emphasis will be placed on explicit and implicit practices of alienation and exclusion as they have unfolded in the gendering of thought, truth, and reality. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

- **PHIL-229 Eco-Feminism**

Prerequisites:

PHIL 119, or PHIL 123, or PHIL 127

Credits:

4.00

Description:

Examines the political, social, and ecological problems facing us as a global community. Having its roots in feminist theory and deep-ecology, eco-feminism provides a critical framework for ecological responsibility and accountability. Writings from eco-feminist thinkers and environmental activists around the world will be used to highlight the philosophical and political conflicts and challenges, including globalization and loss of biodiversity, global warming, international human rights, the relationship of gender and nature, and modes of redress for eco-justice and sustainable development.

- **PHIL-261 Eastern Philosophy**

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered

alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-262 Buddhism**

Credits:

4.00

Description:

An historical survey of Buddhist philosophy. We will explore Buddhist origins, central teachings, devotional and meditational practices, ritual and institutions as developed from classical to modern times. Special attention given to the philosophical diversity of the Buddhist world view. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-265 Women in Spirituality**

Credits:

4.00

Description:

An exploration into the various dimensions and ideologies concerning the role of the feminine in relation to the Divine. Belief systems, myths and archetypes from ancient Goddess worship to 20th century feminist theology will be examined in terms of the philosophical content and psychological

consequences. Special emphasis will be placed on feminist metaphysical structures for understanding consciousness and Reality. Classes will be conducted by means of lectures, primary and secondary texts and class discussions. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **PHIL-267 Chinese Philosophy**

Credits:

4.00

Description:

A survey of the main developments in Chinese Philosophy. The course begins with the early dynastic concept of humanism and then turns to Confucius and Mencius. Having developed the central Confucian doctrines, students next examine the Taoist response to Confucianism in the writings of Lao Tzu and Chuang Tzu. The course then considers Zen Buddhism, which is called Ch'an Buddhism in China, where it originated. In particular, students study the concept of sudden enlightenment before turning to the Neo-Confucian scholars.

Term:

Occasional

- **PSYCH-243 Organizational Psychology**

Prerequisites:

Take PSYCH-114;

Credits:

4.00

Description:

Focuses on diversity concerns in various aspects of the psychology of the workforce. This includes job analysis, recruitment, selection, evaluation, training, retention, and termination. Employee morale, well-being, stress, and hardiness are considered.

- **PSYCH-247 Asian Perspectives on Health and Work**

Credits:

4.00

Description:

Examines theoretical and empirical approaches that provide insight into Asian viewpoints on socialization practices, family systems, health/well-being, cultural traditions/values, and spiritual philosophy/literature. Explores the diversity among Asian cultures in terms of language, history, religion/spiritual faith, and healthcare practices, all of which play a significant role in shaping the psychological characteristics, interpersonal relationships, and work dynamics of Asians and Asian immigrants. Students critically analyze similarities and differences between Asian and Western psychological perspectives of health and work through didactic and experiential learning components. This course fulfills the Cultural Diversity Requirement and may fulfill the Expanded Classroom Requirement. Normally offered alternate years.

Term:

Offered Spring Term

Type:

Asian Studies

- **RS-111 Introduction to World Religions: Western Traditions**

Credits:

4.00

Description:

This course will explore the comparative history and structure of Western religious traditions, broadly understood, and their impact on other world religions, while attempting to recognize the similarities and the differences among them. Traditions to be studied include Greek and Roman religion, the monotheistic faiths (Judaism, Christianity, and Islam, as well as Zoroastrianism, Sikhism and Bahaism). We will also explore the impact of the Western religions on indigenous traditions, such as African religion, Native American religion, and Pacific Island religion. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. 1 term - 4 credits. Normally offered every year.

- **RS-112 Introduction to World Religions: Eastern Traditions**

Credits:

4.00

Description:

This course will examine a variety of Eastern religions, including Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shintoism. Possible connections to be explored will be the impact of these traditions on others, such as Pacific Islands and African religion, as well as the growing place of Eastern religion in the West. This course will explore the history and structure of each tradition, while attempting to recognize the similarities and the differences among them. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. Normally offered every year. Cultural Diversity B

Type:

Asian Studies

- **SIB-550 Global Travel Seminar**

Prerequisites:

Please email Hillary Sabbagh at hsabbagh@suffolk.edu to register for a travel seminar.

Credits:

3.00

Description:

An in-depth analysis of timely special issues in international business. Specific topics are announced when the course is scheduled.

Type:

Global Engagement Experience

- **SF-190 Asia in America Fiction and Fact**

Credits:

4.00

Description:

With a focus on some selected ethnic groups from Asia, Asia in America studies the history and current status of Asian Americans in Boston and other parts of the country. We will examine the major reasons why these immigrants chose to leave their home country as well as their expectations and experiences here in America. We will also discuss the issues Asian immigrants have faced in this adopted home as well as the connections and conflicts among different ethnic groups or even within the same ethnic group due to political and socio-economic reasons. The course will include some level of community engagement, through Chinatown tour and service, which may enable us to have a direct contact with the Asian American population and reflect on what is being discussed in class. Through this course, we hope to gain a better understanding of the racial and cultural history of the country and arrive at a deep appreciation of the dynamics of cultural interactions in the twenty-first century. The course fulfills the SCGP requirement.

Type:

Global Engagement Experience

- **SF-1145 Emergence of Southeast Asia**

Credits:

4.00

Description:

Explores the eleven countries and 600 million people of Southeast Asia starting with foundations- geography and environment- and then looking at the human imprint, in the form of the history, religions, and cultures of the region. An examination of contemporary issues related to demography, politics, and (especially) economics.

- **SOC-227 Race in American Society**

Credits:

4.00

Description:

Despite the election of Barack Obama as President of the United States, race remains one of the most divisive forces in U.S. society. While many of us struggle against racism, racial classification continues to affect where we live, where we work, and how we see ourselves. Racial classification affects our access to health care and our encounters with police officers. Distorted images of racial groups fill television and movie screens. Appeals to racism and fear of foreigners are dominant themes in elections to state and national offices. This course examines the formation and re-formation of racial classifications: how particular groups become racially identified, how these classifications change over time, and how conflicts over race have shaped American society. The meanings of race, as seen from a variety of perspectives, will be a consistent theme throughout the course.

Term:

Occasional

- **SOC-228 Cultural, Global and Social Perspectives**

Credits:

4.00

Description:

Enables students to examine, as well as develop an awareness and appreciation of, diversity within today's society. Providing an overview of the major racial, ethnic, and cultural groups in the U.S., the focus is on the ways in which cultural awareness enhances professional helping relationships and improves the operation of human services systems.

Term:

Occasional

- **SOC-275 Women and Crime**

Credits:

4.00

Description:

This course examines the complex relationships between women and crime today. This focus will include women as criminal offenders; women as victims of crime; and women as both offenders and victims. Course materials draw from recent feminist scholarship on these issues in the social sciences. Topics include the causes of women's crime women, drugs, and crime; child abuse and trauma; prostitution and sex trafficking; race, gender and victimization; and feminist social movements against violence. Crimes of violence against women are a central focus in the course.

Term:

Occasional

- **SOC-329 Sociology of Globalization**

Prerequisites:

Prerequisite: SOC 113 or SOC 116.

Credits:

4.00

Description:

Globalization is shrinking the world. How and why did this happen? This course will explore global change and the global processes which effect key social institutions: culture, the economy and politics. Students will study the processes of globalization and its impact on our lives and people around the globe.

Term:

Occasional

- **SOC-341 International Drug Control Policy**

Credits:

4.00

Description:

Relying on a simplistic demand or supply explanation of why Americans use/abuse drugs obscures the reality of America's drug problem, is ineffective as a guide to public policy and has unforeseen, often negative consequences. Drug use is a complex and multi-faceted issue. There are no easy answers. To comprehend the complexity of America's drug problem one needs an understanding of the geography, history, religion, law, economics and international politics of the Middle and Far East, Eastern Europe, Africa, Mexico, and Central and South America. This class will provide this basic understanding without losing sight that the problem we seek to remedy is our own.

Term:

Offered Spring Term

- **SOC-354 Death and Dying**

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

Modern Language

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

Modern Language

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

- **SPAN-303 Modern and Contemporary Latin America**

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

- **SPAN-315 Spanish for the Professions**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

Integrates language learning with culture via business context of the Hispanic world. Spanish for banking and finance, marketing and advertising, and international commerce are highlighted. Students increase their cross-cultural understanding and written and oral proficiency in business Spanish through a wide range of assignments.

Type:

Global Engagement Experience

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

- **THETR-267 Introduction to Theatre: Contemporary American**

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Social & Intellectual HST

- WGS-H111 Women, History, & Culture

Prerequisites:

At least a 3.3 GPA required.

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Honors

- WGS-113 Women, Science, & Society

Credits:

4.00

Description:

Explores women's lives from the perspective of the social and natural sciences, including examination of recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship in these areas. Topics include: the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women; the female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women.

Term:

- **WGS-115 Introduction to Gender Studies**

Credits:

4.00

Description:

Introduces the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, explores the pervasive influence of gender on the structure of society and our everyday experiences and the role that gender plays in our understanding of love, friendship, sexuality, and even violence. Topics include: biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Social & Intellectual HST

- **WGS-311 Engendering Entertainment: Feminism and Popular Culture**

Credits:

4.00

Description:

Investigates the complex intersections between feminism and popular culture through several different lenses: by exploring how feminists make arguments about popular culture; by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like The Bachelor and Grey's Anatomy; by focusing on a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's Female Chauvinist Pigs, and Caitlin Moran's How to Be a Woman. Along the way we will ask questions about: what makes a work of art feminist; how modern media contributes to or distracts us from a variety of political debates in the realm of female equality and how can we, as individuals, use modern media to create and advance smart, feminist arguments.

Type:

- WGS-315 Feminist Thought

Credits:

4.00

Description:

Investigates how feminists, both today and in history, have understood inequality and difference and looked for the best ways to address these issues and bring about social justice. Examines how feminist theorists help us to understand how gender and other social categories, such as race, class, sexuality, disability, age and nationality, are constructed within and through each other; and analyzes feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory, as well as consider anti-feminist arguments. Readings include classic critical texts by authors including Mary Wollstonecraft, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler.

Type:

Social & Intellectual HST

- WGS-325 Global Women's Fiction

Credits:

4.00

Description:

Explores of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic.

Term:

Occasional

- WGS-335 Queer Narratives

Credits:

4.00

Description:

Explores the stories that help us to understand communities, identities, and bodies that could be considered queer, and the ways that film, music, memoir and fiction have discussed queer as different, unusual, or other. Texts include the documentary, "Paris Is Burning", Frank Ocean's 2012 album, "Channel Orange", and Janet Mock's recent memoir, "Redefining Realness", as well as foundational queer theory from Judith Butler, Eve Kosofsky Sedgwick, and Lee Edelman, among others, to help build a framework for approaching and interpreting both fictional and non-fictional accounts of queer lives.

Type:

Social & Intellectual HST

Courses that fulfill the Creativity and Innovation, Humanities/History, Language, Literature, Quantitative Reasoning, Seminar for Freshmen, Social Science, or VPATH requirements may double count to fulfill the Social, Cultural, and Global Perspectives (SCGP) requirement.

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Science Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AS degree program requires the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Science, Technology, & Engineering (STE): 2 courses, at least one with a laboratory, 8 credits

Choose two STE (Science, Technology, and Engineering) courses, at least one with a corresponding laboratory, from those listed below. Courses do not need to be in a sequence. In the case of a course that is a lecture plus a lab, the student must complete both components to earn credit for the STE requirement.

Biology:

- **BIO-104 Environmental Biology**

Prerequisites:

BIO 101 and BIO L101, can also be taken concurrently BIO L104 must be taken concurrently

Credits:

3.00

Description:

An introduction to basic evolutionary, behavioral and ecological principles. Readings and discussions emphasize the ways that humans are affected by ecological processes and principles as well as how humans and their technology affect ecosystems. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology. It is intended for non-biology majors as a follow-up to Biology 101. 3 hours lecture. Days Only. Madrid Campus only.

Type:

SCI TECH ENGNR

- **BIO-L104 Environmental Bio Lab**

Prerequisites:

BIO-104 must be taken concurrently

Credits:

1.00

Description:

Exercises and field trips designed to complement and demonstrate the ecological principles developed in the lecture section. The lab emphasizes the scientific method and employs long term group projects. Madrid Campus only.

Type:

- **BIO-105 Humans and the Evolutionary Perspective**

Prerequisites:

Non Science Majors Only

Credits:

4.00

Description:

Major topics include the scientific basis of evolution, the fossil history of vertebrates, evidence of evolution in the human body, and applying an evolutionary perspective to the social interactions and possible futures of humanity. Meets one of the non laboratory science requirements for the non-science major. This reading and writing intensive course is a non-laboratory science option for non-science majors. This course will not fulfill requirement for a major or a minor in Biology.

Term:

Occasional

Type:

SCI TECH ENGR

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Rigorous introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGR

Chemistry:

- **CHEM-105 Chemical New Product Development**

Prerequisites:

ENT 101

Credits:

4.00

Description:

This course addresses the crucial intersection between chemistry and business, and the impact of these fields on society. It provides an introduction to important chemistry concepts and practices of business management. Primary focus is on understanding the chemistry principles behind some of the consumer products in our everyday lives, and using this knowledge to create and evaluate ideas for new products. The course also introduces the business aspects involved in the development and marketing of new products. An important component of the course is in making effective presentations; this component concludes the course, culminating in team presentations of a new chemical product to panel of executives and peers. This course satisfies the Sawyer Business School Science requirement.

Type:

SCI TECH ENGR

- **CHEM-106 Biotechnology & Its Applications in Medicine, Agriculture, Law**

Credits:

4.00

Description:

Introduces the latest discoveries and applications of biotechnology. Topics include genetically modified food, stem cells, genetic testing, cloning, and forensics. A combination of lectures, discussions, short documentaries, mock congressional hearings, and hands-on activities will provide insight into the numerous medical, social, legal, and ethical issues surrounding this technology.

Type:

SCI TECH ENGNR

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **CHEM-L111 General Chemistry Laboratory I**

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

Computer Science:

- **CMPSC-F107 Ants, Rumors and Gridlocks**

Prerequisites:

Math placement level of 2 or above or any MATH course at the level 100 or above

Credits:

4.00

Description:

Do viruses and rumors spread like forest fires? How do ants cooperate? Do spoken languages and biological species evolve in a similar way? Ants, Rumors, and Gridlocks exposes students to introductory aspects of computational science by addressing and answering these and many other questions. Students use and modify virtual experiments preprogrammed in the NetLogo programming language to investigate these topics and others in Social Sciences, Biology, and Environmental Science. No prior knowledge of computer programming or NetLogo is required.

Type:

SCI TECH ENGR

Electrical Engineering:

- **ECE-288 Measuring the World**

Credits:

4.00

Description:

The world is addicted to quantifying the essence of everything, from personal IQ, to the speed of a baseball, to our healthiness, or our chances of winning the lottery. Behind most of these numeric values exists a science of measurement. Some of this is referenced to international standards, such as for length, time, weight, or temperature. Others are more arbitrary and subjective, such as ranking Olympic performance in gymnastics, beauty pageants, or popular responses as found in the game show Family Feud. A third category includes controversial areas, such as measuring whether a person is lying when interrogated, or using hype rather than reality to market products. Sometimes statistics are used to predict sports outcomes, such as in the annual March Madness NCAA basketball brackets. Finally, in a world subject to fraud and deception, it can be essential to distinguish legitimate from counterfeit items, such as in money, art, collectibles, and historical documents. Don't get hoodwinked! This course examines all of these, starting with how measurements have been made throughout history, along with a full deck of entertaining terms used during the ages. This may help you sort out your weight, whether given in pounds, kilos, or stones. Often these terms will provide insights into how people lived in different eras. We will also look at some of the technologies currently available to provide these measurements, and unravel the complexities of various sensors that are used. As we consider the meaning of accuracy we may become less naive about how much confidence to ascribe to the results given us. Hovering around all of these measurements should be the question of validity - are they meaningful, useful, or misleading? And the impact they have on society - whether they steer behavior more powerfully than one might originally suspect. Each student will also be given an opportunity to become an expert in an area of measurement of personal interest. By the end o

Type:

SCI TECH ENGR

Engineering Science:

- **ENS-103 Introduction to Engineering**

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• ENS-L103 Intro to Engineering Lab

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab.

There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

Environmental Science:

- **UES-107 Introduction to Drones**

Prerequisites:

UES-L107

Credits:

3.00

Description:

Unmanned autonomous systems (UAS) or Drones are high-tech, intelligent machines capable of traveling by air, land, or sea via a remote connection. This course presents concepts and practical methods of using Unmanned Vehicles in a professional context, particularly for environmental projects. UAVs are increasingly being used in a professional capacity such as cinematography and filming, real estate, construction, surveying, mapping, agriculture, industrial inspections, utilities inspections and many more. The course covers mission planning, operations, field data collection, data processing, legal implications, data analysis and data deliverables. The course and laboratory will include learning flying micro-drones and preparing to pass the Federal Aviation Administration's Unmanned Aerial Vehicle Airmen (Part 107) exam. The course will have an associated Laboratory component in which students will learn how to properly plan effective flight missions, fly safely and legally, develop risk management strategies, analyze the data captured and convert it into a useful data deliverable.

Type:

SCI TECH ENGNR

- **UES-L107 Introduction to Drones Lab**

Prerequisites:

UES-107

Credits:

1.00

Description:

Unmanned autonomous systems (UAS) or Drones are high-tech, intelligent machines capable of traveling by air, land, or sea via a remote connection. This course presents concepts and practical methods of using Unmanned Vehicles in a professional context, particularly for environmental projects. UAVs are increasingly being used in a professional capacity such as cinematography and filming, real estate, construction, surveying, mapping, agriculture, industrial inspections, utilities inspections and many more. The course covers mission planning, operations, field data collection, data processing, legal implications, data analysis and data deliverables. The course and laboratory will include learning flying micro-drones and preparing to pass the Federal Aviation Administration's Unmanned Aerial Vehicle Airmen (Part 107) exam. The course will have an associated Laboratory component in which students will learn how to properly plan effective flight missions, fly safely and legally, develop risk management strategies, analyze the data captured and convert it into a useful data deliverable.

Type:

SCI TECH ENGNR

• UES-111 Environmental Science**Prerequisites:**

Must be taken concurrently with UES-L111

Credits:

3.00

Description:

Applies the fundamentals of science to environmental issues. Topics include population dynamics and resources, environmental degradation, ecosystems, geologic processes, deforestation, biodiversity, climate change, air, soil, and water resource management, and pollution and risks to health.

Term:

Offered Spring Term

Type:

SCI TECH ENGR

- **UES-L111 Environmental Science Lab**

Prerequisites:

Must be taken concurrently with UES-111.

Credits:

1.00

Description:

Laboratory exercises are used to illustrate topics covered in UES 111. Field testing and analysis of environmental samples. Field trips may be required.

Term:

Offered Spring Term

Type:

SCI TECH ENGR

- **UES-121 Science, Art, and the Environment**

Prerequisites:

Take UES-L121 concurrently

Credits:

3.00

Description:

Examines art and cultural objects through the lens of the biological, chemical, and physical principles of the materials and processes we use to make them. Includes consideration of factors important in art conservation. Provides an environmental context for the manufacture and use of art materials

and the preservation of cultural objects.

Type:

SCI TECH ENGR

- **UES-L121 Science, Art, and the Environment Lab**

Prerequisites:

Take UES-121 concurrently

Credits:

1.00

Description:

Provides hands-on work with pigments, dyes, and other art materials using the basic principles of science and technology. Students will conduct laboratory experiments that produce art objects and other consumer products. Instruction in safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables, graphs, and graphics. Practice in synthesizing compounds like paints and finishes and in evaluating methods of art conservation.

Type:

SCI TECH ENGR

- **UES-225 Geographical Information Science**

Prerequisites:

Take UES-L225 concurrently

Credits:

3.00

Description:

Provides the fundamentals of geographic information science (GIS) including the history of automated mapping. A review of the necessary hardware and software elements used in GIS is presented. Hands-on exercises with computerized mapping software are required.

Type:

SCI TECH ENGNR

- **UES-L225 Geographic Information Science Lab**

Prerequisites:

Must be taken concurrently with UES-225

Credits:

1.00

Description:

Required companion computer laboratory to be taken concurrently with UES 225.

Type:

SCI TECH ENGNR

Forensic Science:

- **FS-103 Introduction to Forensic Science**

Prerequisites:

FS-L103

Credits:

3.00

Description:

Application of the principles of forensic science in evaluating physical evidence, with emphasis on its role in criminal investigation. Class experiences may include guest lectures and field trips. 3-hour lecture. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **FS-L103 Introduction to Forensic Science Lab**

Prerequisites:

FS 103 concurrently

Credits:

1.00

Description:

Laboratory experiences related to the collection and analysis of physical evidence as performed by forensic science professionals. Experiments may include forensic microscopy, drug analysis, forensic serology, physical patterns, fingerprint and firearm evidence analysis techniques. 3-hour laboratory. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

Neuroscience:

- **NEUR-101 Intro to Neuroscience**

Credits:

4.00

Description:

Introduces the field of neuroscience, the study of the organization and function of the nervous system of humans and other animals. Neuroscientists examine how individual neurons function as signaling devices, how groups of neurons operate as circuits to produce fundamental units of behavior, and how much larger systems in the brain subserve complex functions such as memory and consciousness. Topics include the neuron and neural transmission, the overall function and organization of the nervous system, the development of the brain, neural plasticity, sleep, memory and other higher cognitive functions. Normally offered alternate years.

Type:

SCI TECH ENGNR

Physics:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or MATH-165 or permission of Physics department chair; PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• **PHYS-151 University Physics I**

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-153 University Physics III**

Prerequisites:

MATH-121, MATH-164 or MATH-165

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGNR

Science:

- **SCI-103 Environmental Science**

Prerequisites:

SCI-L103 must be taken concurrently

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to environmental degradation, ecosystems, geological processes, population dynamics, deforestation and biodiversity, climate change, ozone depletion, air soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• **SCI-L103 Environmental Science Lab**

Prerequisites:

Must take SCI-103 concurrently

Credits:

1.00

Description:

Laboratory exercises to illustrate the topics covered in Science 103. Field-testing and analysis of environmental samples. Field trip required.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

• SCI-111 Introduction to Astronomy

Prerequisites:

MATH-128 or higher and SCI-L111 must be taken concurrently.

Credits:

3.00

Description:

History of Astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors; space programs, science and technology in society. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGR

- **SCI-L111 Introduction to Astronomy Lab**

Prerequisites:

Take SCI-111 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 111. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGR

- **SCI-112 Structure of the Universe**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-L112 Structure of the Universe Lab**

Prerequisites:

Take SCI-112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-113 A Habitable Earth Within the Solar System**

Credits:

4.00

Description:

This course introduces non-science majors to concepts that are central to making our planet habitable. It presents Earth in context of the solar system with a broad view of global climate change and energy resources in a quest to better understand the workings our planet. This course on Earth and Planetary Science is suitable for students who may have taken their last science and math course several years ago, or are just curious about knowing facts on major issues that pertain to the future of our planet. Together with a reading component, this course aims to give students a flavor of how researchers think, investigate and develop conclusions that directly affect our political and economic future. Topics covered in this course range from the solar system to the study of search for other habitable Earth-like planets, search for extraterrestrial life, and evolution of life on Earth. Other characteristics of this course are heavy use of audio-visual materials often including computer animations and simulations, in-class experiment demonstration, and intensive use of INTERNET-based resources.

Type:

SCI TECH ENGNR

• SCI-165 Inner Workings of Physics Universe

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

SCI TECH ENGNR

• SCI-171 The Built World: How Humans Engineer Environments

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• SCI-173 Mapping Our World The Power of Digital Maps

Prerequisites:

SCI L173 Must be taken concurrently Knowledge of Windows type Application

Credits:

3.00

Description:

Geographic Information Science (GIS) link information (number of fire hydrants on a block) to features on a map (e.g., a point representing street address) that has a designated geographic location (as designated by global coordinates). Unlike paper maps, GIS software allows the production of interactive maps that allows the user to layer data, to indicate spatial patterns, to analyze trends, and to combine different features of the mapped area in novel ways. For example, a business person may wish to use GIS to determine the optimum location of retail outlet (based on the mapped demographics of a neighborhood), while an environmental engineer may use GIS to describe the location of outfalls to see how they correlate to areas of stream pollution. In this course, students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

- **SCI-L173 Mapping Our World Lab**

Prerequisites:

Must be taken concurrently with SCI-173

Credits:

1.00

Description:

This laboratory illustrates concepts and methods taught in SCI 173. In this lab students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **SCI-181 Science and Life in the 21st Century**

Credits:

4.00

Description:

No longer offered on Boston campus This is a four credit, non-lab, science course that examines the central scientific problems confronting the 21st century. The course studies particular topics and teaches the necessary science around these topics to provide a good understanding of the issues. The topics currently are: Energy, Science and Economic Decisions, Sustainability of Life on Earth, Health and Science.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-184 Contemporary Science and Innovation**

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-201 Physics for Future Presidents**

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGNR

- **SCI-210 Earth and Planetary Crystals**

Prerequisites:

Take SCI-L210 concurrently

Credits:

3.00

Description:

This course will provide undergraduate students of various disciplines with an introduction to gems and crystals using interactive, evidence-based teaching approaches. Crystalline forms of matter are critical to our existence. Using innovative teaching strategies of in-class hands-on demonstration, supplemented with visuals of crystal details, the course provides students insights into the formation, alteration and unique properties that make crystals invaluable. Topics range from the study of proteins and nucleic acids to the interior of planets. The in-class lectures will provide a basic guide that will serve as a platform for individually catered in-depth study. Therefore, the course is open to advanced students as well, who can pick up higher level of information for discussion and class projects.

Type:

SCI TECH ENGNR

Some Science division courses may have Math or Computer Science prerequisites; many have other Science prerequisites.

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Science Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AS degree program requires the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Studies in Literature: 1 course, 4 credits

Choose one Studies in Literature course from those listed below:

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Studies in Literature

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Studies in Literature

- **ENG-130 Introduction to Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-135 World Literature in English**

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-141 Studies in British Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama from the British literary tradition, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-142 Studies in American Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama from the American literary tradition, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-151 Introduction to African-American Literature**

Credits:

4.00

Description:

Literature has the capacity to record and interrogate history in an imaginative and artistic context. African-American literature is a rich, varied, and complex body of literature that faces our tainted history directly. The authors we will read in this class examine slavery's long-term psychological and social effects while forging a literary history that is at once a part of and apart from American literary history more generally.

Type:

Studies in Literature

- **ENG-152 Horror Fiction**

Credits:

4.00

Description:

This course focuses on the reading and analysis of horror literature and the ways in which horror reflects and represents personal and cultural anxieties. Readings will include both classic and contemporary authors, for example, Edgar Allan Poe, H.P. Lovecraft, Shirley Jackson, Stephen King, and others. Assignments will include analytical essays as well as creative writing.

Type:

Studies in Literature

- **ENG-153 Literature of War**

Credits:

4.00

Type:

Studies in Literature

- **ENG-155 Young Adult Literature**

Credits:

4.00

Description:

Young Adult Literature's recent explosion in popularity raises important questions about the stories it tells, the values it promotes, and the audiences it seeks. This course approaches the YA phenomenon as one with deep historical roots as well as contemporary cultural relevance. From nineteenth century classics to current series favorites, literary works focused on young people reframe perennially fresh narratives about coming of age, negotiating personal identity, and navigating a complex moral universe. This course also considers YA literature as part of an evolving network of writers, readers, publishers, critics and filmmakers.

- **ENG-157 Poetry and Religion**

Credits:

4.00

Description:

This course will use close readings to examine poetry as a heightened form of language seeking to make contact with divine sources of faith. We will consider poems that provide examples of the struggle to attain belief, as well as poems that deny belief. Language as both the grammar of ascent and the locus of descent. The position of human beings in relation to God, or the gods, or the absence of the divine.

Type:

Studies in Literature, Classics Minor

- **ENG-161 Writing the American West**

Credits:

4.00

Description:

In 1893, Frederick Jackson Turner famously declared that the American frontier (i.e., the West) had closed for good. To a certain extent, Jackson's proclamation was meant to demarcate the end of the 19th century. But perhaps more importantly, it marks the beginning of a distinctly American literature that began, ironically, by mourning its own demise. In this course, we will journey among some of the more significant signposts and detours that have marked Western U.S. literature in the 20th Century. Along the way, we will question just where, exactly, the West begins and ends (The Mississippi River? The Great Plains? The Rockies?), and think about whether or not Turner's frontier thesis continues to hold true (if it ever did). We will consider whether the broad rubric of The West is adequate to describe the various sub-regions within this portion of the United States, and we'll examine the genres which seem as if they could not have happened anywhere else. We will also interrogate differences in the literature across gender lines: how, if at all, does the literature written by men and by women differ? Above all, we will strive to come away with a deeper understanding of this vitally American, and vitally Wild literary place.

Type:

Studies in Literature

- **ENG-213 English Literature I**

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-214 English Literature II**

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-217 American Literature I**

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-218 American Literature II**

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

Masterpieces of French and Francophone Literature in English Translation. Studies works translated into English by major authors from the Middle Ages to the present. Explores drama, fiction, and poetry from many regions of the world: Africa, Western Europe, North America, the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Studies in Literature

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

Analyzes and discusses canonical works of French literature from medieval times to the eighteenth century.

Term:

Offered Fall Term

Type:

Studies in Literature

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

Study, analyze and discuss canonical works of French-language literature from the nineteenth through the twenty-first centuries, as they relate to important events in the art, culture, and history of the Francophone world.

Term:

Offered Spring Term

Type:

Studies in Literature

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

Explores the theme of love and its manifestation in representative works while being aware of the evolution of French Literature. Addresses various thematics that accompany a traditional survey of literature course such as critical discourse, aesthetic representation, literary movements, genre, construction of sexual identities, sexual politics as well as representations of ethnicity, class, and culture.

Term:

Occasional

Type:

Studies in Literature

- **FR-318 Face in the Mirror: Writing & Reflecting the Self in French**

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

Examines literature in the French language focusing on memoir, essay, and autobiography. Read authors such as, Montaigne, Rousseau, Lamartine, Colette, Duras, Beauvoir, Le, Chamoiseau, Djébar, Conde, Ernaux, Genet, and Satrapi. Develops an appreciation of the differences between autobiography and autofiction. Explores the question of truth and the fallibility of memory.

Type:

Studies in Literature

• **WGS-211 Heroines, Hotties & Hubris: Adolescent Girl's Books**

Credits:

4.00

Description:

Explores what we can learn from the books that teenage girls read. In addition to a wide array of interesting and complex Young Adult novels targeted to young female readers, students will be exposed to theories of adolescent development, literary criticism, and social theory. Topics include how the dilemmas of girlhood have changed or stayed constant and the urge, so common in books for children and teens, to teach kids how to think and behave.

Term:

Occasional

Type:

Studies in Literature

• **WGS-220 Other Worlds, Other Genders: Women and Science Fiction**

Credits:

4.00

Description:

Examines through both classic and contemporary science fiction a variety of possibilities for world-reimagining in the realms of gender, sexuality, race, and other forms of difference. Draws on theories of utopian and dystopian discourse, engages with questions of biology and reproduction, and explores colonialism through first-contact and space empire narratives.

Type:

Studies in Literature

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Science Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AS degree program requires the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Ethical & Philosophical Inquiry: 1 course, 4 credits

Choose one Ethics course from those listed below:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



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- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Human Behavior and Societies: 1 course, 4 credits

Choose one Human Behavior and Societies course from those listed below:

Advertising and Public Relations:

- **ADPR-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media on contemporary society from a social science perspective. Television, radio, film, and print formats are discussed in terms of their persuasive impact on mass culture in the U.S.. The emergence and development of Rock N Roll is discussed in unison with the Civil Rights, Student's Rights, and anti-War movements of the period from 1946-1972.

Term:

Offered Spring Term

Type:

Human Behavior & Societies

Communication:

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television, and new media technologies develop, and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness, and change processes.

Term:

Offered Fall Term

Type:

Human Behavior & Societies

Economics:

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

Government

- **GVT-110 Introduction to American Democracy**

Credits:

4.00

Description:

An introduction to the American political system and constitutional framework. Focus will be on the interplay of various institutions (the Presidency, Congress and the Judiciary) in creating public policies. Contemporary public issues will be discussed, as will the role of political theory in shaping American democracy. Attention will be given to the role of the news media, public opinion, political ideology, political parties and interest groups in the American system.

Type:

Human Behavior & Societies

- **GVT-115 Evolution of the Global System**

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

Type:

Psychology:

- **PSYCH-114 General Psychology**

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

Sociology:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-224 Families in Contemporary Society (Spain)**

Credits:

4.00

Description:

Spain has experienced major socio-demographic changes since the mid 1970s. These transformations mainly arise from the new role of women in society and, in particular, women's higher levels of education, work experience, and labor market attachment. The changes in women's labor force participation have occurred in conjunction with a progressive postponement of main family events, such as leaving the parental home, forming a partnership and having children, as well as with a reduction in the family size. Spain is, indeed, characterized as having one of the lowest low fertility levels within Western industrialized countries, a pattern that is exacerbating the ongoing process of population aging. This picture partly reflects the conflicting relationship that currently exists between women's labor force participation and the accommodation of family responsibilities: the so-called work/ family balance. Ongoing differences among countries have been accounted for by different explanatory factors that involve socio-economic,

cultural and social policy dimensions. From a comparative perspective, the course is intended to cover recent debates, controversies, and research on family formation and family dilemmas in contemporary Spain.

Type:

Human Behavior & Societies

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



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- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Social and Intellectual History: 1 course, 4 credits

Choose one course from those listed below:

American Studies:

- **AMST-111 Defining America and Americans**

Credits:

4.00

Description:

Examines artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and methods in the field of American Studies.

Type:

Social & Intellectual HST

Art & Design:

- **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

Asian Studies:

- **AS-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Both Fall and Spring

Type:

Asian Studies, Social & Intellectual HST

Communication:

- **CJN-114 Great Works of Journalism**

Credits:

4.00

Description:

An examination of important contributions to the literature of journalism through an analysis of major writers and news coverage of significant events from a journalistic perspective.

Term:

Occasional

Type:

Social & Intellectual HST

English:

- **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's *Odyssey*, Sophocles' *Oedipus*, Virgil's *Aeneid*, selections from the Hebrew Bible and the Gospels, and Dante's *Divine Comedy*. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **ENG-124 Great Books of the World II**

Credits:

4.00

Description:

This course will introduce students to a selection of Great Books from around the world from the 17th century to the 21st, such as *Don Quixote* (Spain), *Madame Bovary* (France), *The Communist Manifesto* (Germany), *The Origin of Species* (England), *War and Peace* (Russia), *On Dreams* (Austria), *Night* (Hungary), *Things Fall Apart* (Nigeria), *Satyagraha* (India), *I Am Prepared to Die* (South Africa), *Saeed the Pessoptomist* (Israel), *The Rouge of the North* (China), and *The House of Spirits* (Chile). Readings may vary at the discretion of the instructor.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

Environmental Science:

- UES-325 Environmental History of US

Credits:

4.00

Description:

Explores how Americans have understood the environment and their relationship to it through analysis of classic environmental texts, historical contexts, and societal perspectives. Analyzes how the environment has changed from pre-colonial times to the present and how these changes have been described through the lens of environmental history. Themes include differing viewpoints of European and indigenous peoples toward the natural environment, the impacts of the Western expansion on native species and landscapes, the rise of industrialism and its impacts on natural resources and ecosystems, and the rise of 20th century environmentalism.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

History:

- HST-101 History of Western Civilization I

Credits:

4.00

Description:

Surveys European culture, politics, and society from antiquity to the seventeenth century. Topics include: the Greek, Judaic, and Roman heritage; the rise of Christianity; feudal society in the Middle Ages; Renaissance and Reformation; the Scientific Revolution; and the development of absolutist and constitutional governments.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **HST-102 History of Western Civilization II**

Credits:

4.00

Description:

Surveys European culture, politics, and society from the Scientific Revolution to the present. Topics include: the development of absolutist and constitutional governments; the Enlightenment; the French Revolution; Industrialization and urbanization; nationalism and imperialism; World War I, World War II, and the Cold War; the decline of Europe as a world power.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-121 World History I**

Credits:

4.00

Description:

Explores the major themes of human history to 1500. Topics include: hunter-gathering, the migration of humans across the globe, transitions to food production, and the development of complex societies based on agriculture. Major early Eurasian civilizations (China, India, the Middle East, and Europe) are examined (alongside their interactions with Inner Asia and the Arabian Peninsula). So too are Sub-Saharan Africa and the Americas.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- HST-149 Empires & Globalization in World History I

Credits:

4.00

Description:

This is the first of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include the formation of the medieval trade system, the development of finance and capitalism in the early modern ages, and economic changes prior to the Industrial Revolution. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- HST-150 Empires & Globalization in World History II

Credits:

4.00

Description:

This is the second of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include state-making, wars, and the rivalry among early modern empires, economic development, the Industrial Revolution and the formation of the global trade system. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-181 American Life to the Civil War Era**

Credits:

4.00

Description:

Surveys American history from European colonization up through the era of the Civil War. Topics include interactions with Native Americans; slavery; the American Revolution; the founding of a new republic; social and economic developments in the early nineteenth century; expansion; party politics; sectional conflict; the Civil War and Reconstruction.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-182 American Life Since the Civil War Era**

Credits:

4.00

Description:

Surveys American history from the 1870s to the present. Topics include the new industrial order; farmer and worker protests; progressivism; America's emergence as a world power; the two World Wars; the Great Depression; the New Deal; the Cold War; post-World War II American society; the Civil rights movement; Vietnam; dissent and counterculture in the 1960s; the women's movement; economic, social, and political changes in the late-twentieth century; America's relationship to a globalized world.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-251 Modern East Asia**

Credits:

4.00

Description:

China, Japan, and Korea - East Asia's critical players - share many historical influences, but each has a distinct culture, and they competed with each other for much of the twentieth century, proud of their achievements but feeling threatened by their neighbors. Lectures interspersed with movies and documentaries to show how East Asia has developed in the past one-hundred-plus years.

Type:

Social & Intellectual HST

- **HST-260 Asian Peoples and Cultures**

Credits:

4.00

Description:

Introduces the peoples of Asia and the cultures they have created. Particular attention is paid to the lives of the common people in both historical and contemporary times. By understanding the richness and complexities of daily life in Asia, we will understand the continuities and discontinuities brought on by social, cultural, and economic changes. We will gain an appreciation of our fellow human beings in Asia.

Type:

Social & Intellectual HST

- **HST-268 History of the Mediterranean**

Credits:

4.00

Description:

Explores the history of the Mediterranean from the ancient times to the 20th century, with emphasis on the extraordinary interaction between the rich cultural, ethnic and religious backgrounds of the peoples of Europe, Middle East, and North Africa.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-312 Renaissance and Reformation Europe**

Credits:

4.00

Description:

Explores the intellectual and cultural developments of the Renaissance, and of the Protestant and Catholic Reformations in their social and political contexts. Topics include: Humanism, the rise of the city-state; art, and science; changes in family and social life; the causes of the Reformation (intellectual, social, technological); Calvinists, Lutherans, and Radical Reformers; Counter-Reformation and its political consequences; the Wars of Religion.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-361 Native America 1832 to Present**

Credits:

4.00

Description:

Topics will include the Plains Indian Wars; ethnological aspects of Indian tribes; the pitfalls of Indian reform movements; Indian resistance to U.S. assimilation and reservation policies; the Indian New Deal; activism and the American Indian Movement; Indians' future prospects. Cultural Diversity A

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-383 Boston: Heritage of a City**

Prerequisites:

One History course

Credits:

4.00

Description:

Boston from its foundation in 1630 to its development as a 21st century metropolis. From the Massachusetts Bay Colony, to cradle of the American Revolution, to a Yankee merchant capital, Brahmin cultural center, and immigrant melting pot. When offered in the hybrid format, this course will meet at the regularly-scheduled time, but lectures and other course materials will be available on the course Blackboard site in case you cannot attend.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-394 Slavery in Film, Literature and History**

Credits:

4.00

Description:

A seminar on slavery in the United States as depicted in history, literature, and film. Topics may include resistance to slavery, honor, the attack on slavery, the cultural and social worlds of masters and enslaved people, the thought of masters and enslaved people, women and slavery, and/or slavery as an economic institution.

Type:

Social & Intellectual HST

- HST-412 Europe in the 20th Century

Credits:

4.00

Description:

Examines the political, economic, social and cultural developments of the principal European states since 1900. Topics include: World War I; the social and economic dislocations of the 1920s and 1930s; the rise of Fascism and National Socialism; World War II; the remains of colonialism; modernization and Americanization since the 1960s; the European Union; Europe after the Cold War; and throughout the twentieth century, the importance of class and class conflict, nationalism, and war in shaping the European experience.

Term:

Occasional

Type:

Social & Intellectual HST

- HST-426 Politics and Culture in Europe 1919-1939

Credits:

4.00

Description:

Explores the social and political development of European society between the two world wars, primarily through the literature, art, and films of the period. Topics include: the dissolution of pre-1914 middle class society; deviance and sexuality in the 1920s; the role of decadence in art and the Fascist response to deviance in life and art; women, workers, and the new technology; the rise of Fascism; political engagement and polarization throughout European society in the face of economic and social crisis.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-489 Germany: Film, Politics, Memory Since 1945**

Credits:

4.00

Description:

Explores German history since 1945 through film, newsreels and other archival footage, war memorials and museums, novels, published diaries, memoirs, and recent historical scholarship. Topics include the representation, in film and other texts, of: post-war rebuilding; the German Economic Miracle; divided Berlin; 1960s and 70s radical politics; coming to terms since 1945, with Germany's Nazi past and the Holocaust; coming to terms since 1990 with the Stasi and East German past; Ostalgie (nostalgia in the 21st century for some aspects of East German socialism); the multi-cultural society that is Germany today, with new Turkish, Greek, Russian, Arab, and even Israeli communities.

Type:

Social & Intellectual HST

Philosophy:

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Social & Intellectual HST

Women's & Gender Studies:

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Social & Intellectual HST

- **WGS-115 Introduction to Gender Studies**

Credits:

4.00

Description:

Introduces the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, explores the pervasive influence of gender on the structure of society and our everyday experiences and the role that gender plays in our understanding of love, friendship, sexuality, and even violence. Topics include: biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Social & Intellectual HST

- **WGS-311 Engendering Entertainment: Feminism and Popular Culture**

Credits:

4.00

Description:

Investigates the complex intersections between feminism and popular culture through several different lenses: by exploring, how feminists make arguments about popular culture; by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like *The Bachelor* and *Grey's Anatomy*; by focusing on a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's *Female Chauvinist Pigs*, and Caitlin Moran's *How to Be a Woman*. Along the way we will ask questions about: what makes a work of art feminist; how modern media contributes to or distracts us from a variety of political debates in the realm of female equality and how can we, as individuals, use modern media to create and advance smart, feminist arguments.

Type:

Social & Intellectual HST

- **WGS-315 Feminist Thought**

Credits:

4.00

Description:

Investigates how feminists, both today and in history, have understood inequality and difference and looked for the best ways to address these issues and bring about social justice. Examines how feminist theorists help us to understand how gender and other social categories, such as race, class, sexuality, disability, age and nationality, are constructed within and through each other; and analyzes feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory, as well as consider anti-feminist arguments. Readings include classic critical texts by authors including Mary Wollstonecraft, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler.

Type:

Social & Intellectual HST

- **WGS-335 Queer Narratives**

Credits:

4.00

Description:

Explores the stories that help us to understand communities, identities, and bodies that could be considered queer, and the ways that film, music, memoir and fiction have discussed queer as different, unusual, or other. Texts include the documentary, "Paris Is Burning", Frank Ocean's 2012 album, "Channel Orange", and Janet Mock's recent memoir, "Redefining Realness", as well as foundational queer theory from Judith Butler, Eve Kosofsky Sedgwick, and Lee Edelman, among others, to help build a framework for approaching and interpreting both fictional and non-fictional accounts of queer lives.

Type:

Social & Intellectual HST

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



2017-2018 Archived Catalog Information

Associate of Science Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AS degree program requires the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Visual & Performing Arts Theory and History: 1 course, 3-4 credits

Choose one course from those listed below:

- **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

- **ADI-234 History & Theory of Interior Architecture**

Prerequisites:

Taken concurrently with ADI S201

Credits:

3.00

Description:

This course introduces students to the important individuals, ideas and issues that have shaped the direction of contemporary interior design practice in the twentieth century, building upon the historical foundation established by the Ideas of Western Art and History of Furniture and Architecture classes. Intermixing lectures and readings with visits to important local buildings, it discusses the influences of culture, technology, fashion and media upon the work and thinking of the first generation of modern designers, as well as emerging social, moral and environmental imperatives that will form the basis of future practice; cultural identity, interdisciplinary collaboration, sustainability and universal design.

Term:

Offered Fall Term

- **ARH-101 Art History I**

Credits:

4.00

Description:

Surveys the art of Western civilization from prehistoric caves to medieval cathedrals. Considers works from the Ancient Near East, Ancient Egypt, Ancient Greece and Rome, the Byzantine Era, the Romanesque Period, and the Gothic Period in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-102 Art History II**

Credits:

4.00

Description:

Surveys the art of Europe and America from the Renaissance to the present. Considers work of painting, sculpture, and architecture from periods such as the Renaissance, the Baroque, the Rococo, Neoclassicism, Romanticism, Impressionism, Abstract Impressionism, and Post-Modernism in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-205 Gender, Class and Alterity in Ancient And Medieval Art**

Credits:

4.00

Description:

Explores issues of sexuality, gender, race, and social class in the ancient and medieval worlds. Examines key artworks from ancient Greece, the Roman Empire and medieval Europe within historical, social and cultural contexts.

- **ARH-307 Art of the Italian Renaissance**

Credits:

4.00

Description:

Examines painting, sculpture and architecture of the 14th, 15th, and 16th centuries in Italy in their cultural context. Artists include Giotto, Masaccio, Donatello, Leonardo da Vinci, Raphael, Michelangelo, and Titian.

Term:

Occasional

- **ARH-308 Art of the Baroque & Rococo**

Credits:

4.00

Description:

Explores painting, sculpture and architecture in Italy, Spain and Northern Europe during the 17th and 18th century. Works by Rembrandt, Rubens, Caravaggio, Bernini, Poussin, Velasquez, Watteau, Boucher, Fragonard, Chardin, Hogarth and others considered within their historical contexts.

Term:

Occasional

- **ARH-309 Art of the 19th Century**

Credits:

4.00

Description:

Examines Neoclassicism, Romanticism, Realism and Impression in the European painting. Considers works by artists such as David, Ingres, Friedrich, Constable, Delacroix, Goya, Courbet, Millet, Daumier, Manet, Monet, Renoir, Degas, and Cassatt within their historical contexts.

Term:

Occasional

- **ARH-310 Modernism in Art**

Credits:

4.00

Description:

Examines European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, The Bauhaus, Dada, and Surrealism. Considers works by artists such as Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Mondrian, Duchamp, Magritte, Dali, and Ernst within their historical contexts.

- **ARH-311 American Art**

Credits:

4.00

Description:

Surveys American painting, sculpture, photography and architecture from the colonial period through WWII. Considers works by artists such as Smibert, Copley, West, Stuart, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole, Inness, Sloan, Sullivan, Wright, Hopper, O' Keefe, Dove, Hartley, Bellows, Stieglitz, Weston, and Steichen.

Term:

Occasional

- **ARH-312 Art of the Northern Renaissance**

Credits:

4.00

Description:

Examines painting, sculpture, and architecture of the 14th, 15th and 16th centuries in Northern Europe, within their historical context. Topics include the rise of oil painting, the development of woodcut and engraving, the effect of the Reformation on art. Artists include van Eyck, Bosch, Durer, Holbein and Brueghel.

Term:

Occasional

- **CJN-152 Visual Aesthetics**

Credits:

4.00

Description:

This course provides an introduction to a humanities approach to a range of media, including but not limited to film and television. The course helps students develop visual literacies, enriching their understanding of multiple forms of media. The class also explores how media texts are constructed for specific cultural, entertainment, informative and propaganda purposes.

Term:

Offered Both Fall and Spring

- **CJN-292 Film History: From Silent Cinema to the Modern Era**

Credits:

4.00

Description:

An introductory film studies course that covers the history of the film medium from its birth until the 1970s. It provides an introduction to major film theory concepts, such as genre and/or auteur studies, as well as key films and stars in movie history.

Term:

Alternates Fall & Spring

- **ENG-266 Mad Men: Reading Visual Narratives**

Credits:

4.00

Description:

This course will focus on the cultural phenomenon of the TV Series Mad Men, considered by many to be the foremost example of Quality TV produced during the so-called golden age of television and engage with it on visual, cultural, literary and filmic levels. The basic premise of the course is that the current practice of binge watching one's favorite shows should be a heightened experience rather than a guilty pleasure, one akin to reading a novel. Watching a complex and sophisticated TV narrative involves taking into account the viewer's positionality as a filmic consumer, textual critic and social commentator. The class will consider various theoretical approaches to television narrative, beginning with ideas gleaned from the discourse of visual literacy, and proceed by applying textual analysis adapted from the more traditional modes of literary studies and film analysis. A combination of critical and evaluative sources will be examined, including book-length studies of the series, individual essays based on the series' appeal to style, American popular culture, advertising, gender roles, race, and 60s nostalgia. Additionally, the recent phenomenon of the series recap will serve as the touchstone to the class's collective viewing of the series and students will be challenged to synthesize and assess these popular on-line critiques as they draft their own recaps and creative readings of the episodes. The entire first two seasons of Mad Men will be studied and the invaluable resource of director/producer commentaries will be incorporated into the study of the series with a view to acquiring critical insights and analytical skills that may be applied to other quality TV series that students currently enjoy watching.

- **FR-220 French & Francophone Cinema**

Credits:

4.00

Description:

Discusses and deepens understanding of French and Francophone cinema from its origins in the late nineteenth century to the early twenty-first century. Explores early works from France, by the Lumiere Brothers and Georges Melies as well as contemporary films from France, Algeria, Burkina Faso, Canada, Haiti, and Senegal.

Term:

Occasional

- **MUH-101 History of Music I**

Credits:

4.00

Description:

Surveys Western music from CE800-1800, from Gregorian to Beethoven; selected major composers, representative masterworks, and the musical styles of the Medieval, Renaissance, Baroque, and Classical periods; links the music to some of the major historical, cultural, artistic, and intellectual trends of these periods. Normally offered yearly.

Term:

Offered Fall Term

- **MUH-102 History of Music II**

Credits:

4.00

Description:

Surveys Western art music from 1800-present, from Schubert to Jennifer Higdon; selected major composers, representative masterworks, and the musical styles of Romantic, Contemporary, and post-Modern periods; links the music to some of the major historical, cultural, artistic, and intellectual trends of these periods. Normally offered yearly.

Term:

Offered Spring Term

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Surveys American music from Colonial times to the present; various attempts to create an indigenous musical style; vernacular and art music genres including folk, concert, and religious music, jazz and musical theatre; includes music of Billings, Amy Beach, Ives, Copland, Bernstein, and Libby Larsen. Normally offered yearly.

Term:

- **PHIL-219 Philosophy of Art**

Credits:

4.00

Description:

What counts as art? What is beauty? Are there objective standards of beauty? This course examines the nature of aesthetic experience, art, beauty, and creativity. Through the classic and contemporary readings, the students will be introduced to philosophical issues concerning the meaning of art, artistic representation, perceptions of art, interpretation, and criticism. Students will be encouraged to reflect on their own experience of art and explore the relationships among the artist, the audience, the artwork, and the world. 1 term - 4 credits. Normally offered every third year.

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

- **THETR-266 Intro to Theatre: 20th Century**

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits



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Associate of Science Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The AS degree program requires the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Quantitative Analysis: 1 course, 4 credits

Choose one course from those listed below:

Biology:

- **BIO-273 Biostatistics**

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the statistical methods used to evaluate biological problems. Sampling, probability, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered. Software for data handling, graphics, and analysis will be used.

Term:

Offered Fall Term

Type:

Quantitative Analysis

Communication:

- **CJN-210 Communication Research Statistics**

Credits:

4.00

Description:

The course develops an understanding of how statistics are used in the presentation of information and arguments in Communication and Journalism. Emphasizing a conceptual approach to learning statistics, the course focuses on data collection and summarization, correlation, regression, sampling, estimation, and tests of significance. Students perform basic statistical calculations using SPSS software.

Term:

Offered Both Fall and Spring

Computer Science:

- **CMPSC-F120 Programming for the World Wide Web**

Credits:

4.00

Description:

This is a hands-on course aimed at non-CS students who want to learn how to build interesting and interactive web pages. We do not use any drag-and-drop software for this purpose. Instead we cover the basics of HTML and PHP and, if time permits, we look at some ways of building web pages that interact with databases. Each student will have, for the duration of the course, an account on a server that permits individuals to have web pages that are visible on the World Wide Web.

Type:

Quantitative Analysis

- **CMPSC-F124 Game Programming**

Credits:

4.00

Description:

This course introduces students to computer game development, including, but not limited to, game programming. We use Game Maker, a framework for personal computers that runs equally well on XP, Vista, and Linux. We learn about the foundational concepts of two-dimensional (flat) games: graphics, sound, objects, actions, rooms, scores, levels, multiplayer support, artificial intelligence, and more. Game Maker has an intuitive interface that makes game development approachable for everyone, including those who have never written a single game or a single computer program. All games created by Game Maker can be saved as standalone applications and can be shared freely with classmates, friends, and family. This is not a course in graphics design, audio editing, or scriptwriting. Students are encouraged to use their creativity and imagination to design games and the correctness of game implementation is stressed throughout the course.

Type:

Government:

- **GVT-201 Data Analysis and Politics**

Prerequisites:

Sophomore Standing GVT 110 and 120 and Math 128 or higher.

Credits:

4.00

Description:

Quantitative analysis is quickly changing the way we understand and engage in politics, how we implement policy, and how organizations across the world make decisions. In this course, we will learn the fundamental principles of statistical inference and develop the necessary programming skills to answer a wide range of political and policy oriented questions with data analysis. Who is most likely to win the upcoming presidential election? Do countries become less democratic when leaders are assassinated? Is there racial discrimination in the labor market? These are just a few of the questions we will work on in the course.

Type:

Quantitative Analysis

Philosophy:

- **PHIL-212 Formal Logic**

Credits:

4.00

Description:

An introduction to formal (or semi-formal) study of the basic types of deductive arguments (propositional and syllogistic logic). 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Quantitative Analysis

Psychology:

- **PSYCH-215 Behavioral Statistics**

Prerequisites:

PSYCH 114; Restricted to majors only unless with permission of instructor.

Credits:

4.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Quantitative Analysis

Sociology:

- **SOC-212 Statistics for Sociology**

Prerequisites:

SOC-113 OR SOC-116 and MATH-128 or higher

Credits:

4.00

Description:

In this course, students will be introduced to descriptive and basic inferential statistical techniques. The course will provide information on the following topics: Description - measures of central tendency (mean, median, mode) and measures of dispersion (range, standard deviation); logic of statistical inference, including normal curve and sampling distribution; hypothesis testing with one sample and two samples; measures of association between two variables (bivariate analysis), including chi-square, regression, and correlation; and introduction to multivariate regression. Students will utilize SPSS (Statistical Package for the Social Sciences) software to input and analyze data. The goals of the course are for students to appreciate the need for statistical methods in the broad field of sociology and to gain basic statistical literacy.

Term:

Offered Both Fall and Spring

Type:

Quantitative Analysis

Statistics:

- **STATS-240 Introduction to Statistics**

Prerequisites:

Math 128 or higher. REMINDER: STATS 240 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Topics include: data presentation, measures of central locations and dispersion, probability and probability distributions, estimation, hypothesis testing, simple and multiple regression models. The use of Excel and SPSS will be emphasized throughout the course. 1 term - 4 credits (4 hours per week). Normally offered each semester. STATS 240 satisfies the same requirements as STATS 250

Type:

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 64 credits

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SUFFOLK
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2017-2018 Archived Catalog Information

Bachelor of Arts

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BA degree programs require the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

First Year Experience: 1 course, 1 credit

Students with 15+ transfer credits of college or university work are exempt.

Choose one of the following to be completed during the first semester of matriculation:

- CAS-101 Strategies of Success

Prerequisites:

CAS students only. SBS students by special permission.

Credits:

1.00

Description:

CAS 101 is a one-credit course that meets once a week and is designed to help you have a successful transition to Suffolk University and our unique urban community. It is also designed to introduce you to the principles and concepts of Oral Communication and Presentation Skills. Through interactive exercises and engaging assignments, you will explore the campus environment and learn about strategies for success as a student. You will present speeches about your research and activities to improve your abilities as a speaker.

• ADPR-102 Professional Development**Prerequisites:**

ADPR-101 must be taken concurrently

Credits:

1.00

Description:

In this hands-on experiential course, students examine potential career paths in Advertising, Public Relations, and Social Media, become oriented to the university and the surrounding Boston area, and identify professional resources in Boston that foster career development.

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

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SUFFOLK
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Bachelor of Arts

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BA degree programs require the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Seminar for Freshmen: 1 course, 4 credits

Students with 15+ transfer credits of college or university work are exempt.

Please note that not all courses are offered each semester. Students should contact their advisor to learn about current course offerings.

Choose one Seminar for Freshmen course from those listed below:

- SF-101 Fixing the World- Energy and Water: The Science of Solutions

Credits:

4.00

Description:

Two of the most daunting challenges the world faces (or will face) is how to provide for both its growing energy needs and potable drinking water. Regular news events include climate change, droughts, flooding, and petroleum struggles. Human nature often requires a severe crisis before it responds. This course will investigate the historical science driving the use of energy since the Industrial Revolution to convert energy resources into work, including the steam engine, the electric motor, and the internal combustion engine. It will also consider alternative energy options to fossil fuels, such as solar, wind, geothermal, and ocean power. Along the way we will consider the evidence for Global Warming and Climate Change. We will look into human nature, simple life styles, conspiracy theories, and the influence of those in power to shape human opinion. We will also consider how our water supply is provided and where it goes after being used. What options do developing countries or drought racked areas have to remedy their water needs? Although the course pursues a scientific understanding of these issues, the mathematics used will be gentle, and a larger emphasis will be placed on the intuitive appreciation of these concerns.

• SF-116 Enlightened Insanity**Credits:**

4.00

Description:

Rain or shine, the great 18th century Enlightenment philosophers would meet at the famous cafes of Paris to discuss their ideas, and to observe and criticize society. From these informal debates emerged ideas that are at the core of our modern understanding of the nature of society, marginality, human nature, civil rights, the essence of creativity and genius. Come join us in the quest to understand, define, observe, and analyze the key ideas and concepts of these great thinkers, such as Rousseau, Diderot, and Voltaire, still so relevant in our time. We will read key works of these creative thinkers and philosophers. We will enrich our experience and understanding through the use of film, theatre performances, museum visits, as well as the occasional cafe debate.

• SF-126 The Boston Theatre Scene: the Inside Experience**Credits:**

4.00

Description:

Using the current Boston theatre season as its syllabus, this writing- and analysis-intensive course will explore several plays in production at some of Boston's many professional theatres. We will study the script of four to five plays before attending performances of those works. Students will gain insights on the world of theatre through backstage tours and conversations with theatre professionals such as

producers, directors, actors, designers, playwrights, and critics. Students must be available for evening (usually Wednesday) performances. A fee for student-rate tickets will be assessed.

- **SF-132 The Beatles: Here, There & Everywhere**

Credits:

4.00

Description:

This seminar will investigate the impact and legacy of the Beatles. The Fab Four deserve our scholarly attention as musical innovators and as cultural avatars of the 1960s, an era that still exerts influence today. We will examine the many ways in which the Beatles rocked the establishment and became defining figures in post-war youth culture. We will also discuss other media (the visual arts, film, fashion, style) and fields of study (mass media, marketing, recording technology, copyright law, English history) using the Beatles as our guides.

- **SF-151 Getting Over It: Dealing With the Aftermath of Group Conflict/Mass Atrocity**

Credits:

4.00

Description:

Once violent conflict between two groups has ended, what is the best way to transition back to normality coming to terms with the past or simply moving on? To answer these questions we will examine the debates surrounding war crime tribunals, truth commissions, lustration policies, and reparations in the second half of the 20th century. Case studies will include post-apartheid South Africa, post-WWII Germany, and the Israeli/Palestinian conflict. We will discuss the philosophical problems raised by each of these instruments, as well as on the political, legal, and practical difficulties their implementation present. Cultural Diversity B

- **SF-156 The Mask Behind the Face: Personas, Personalities, and Perception. Acting in /Out Life**

Credits:

4.00

Description:

The theatre has always been a metaphor for life. In modern times life has become theatre. This seminar will confront the idea of real life and the eroding boundary between performers and audience. Students will study the roots of the contemporary obsession with stars and stardom, a mania that

began in the 18th century and flourished in the 19th century. We will look at performance studies, performers memoirs, plays, and films that dramatize this dilemma.

- **SF-173 Crime in American Society**

Credits:

4.00

Description:

Popular beliefs about crime are often inspired by the media and by specific criminological theories. These theories about and media images of crime will be examined in detail, including the hits and misses.

- **SF-174 Tragedy and Literature**

Credits:

4.00

Description:

This course will focus on classic works of ancient and modern literature that examine the human condition from a tragic perspective. We will concentrate on close readings from the following texts: Homer's Iliad, Sophocles' Antigone, The Bhagavad-Gita, Shakespeare's Othello, Chekhov's short stories, and Joyce's Dubliners.

Type:

Classics Minor

- **SF-175 War and Apocalypse in Science Fiction**

Credits:

4.00

- **SF-178 Sacred Hoops & Sneaker Pimps: Understanding the American Hoop Dream**

Credits:

4.00

Description:

This course is about the basketball hoop dream played out at the high school and college levels. We will study a wide variety of materials - novels, films, websites, reference works - to understand both the construction, and destruction, of the hoop dream in such diverse places as New York City, Seattle, rural Indiana, suburban Georgia, and the Wind River Reservation in Wyoming. Issues of race and culture will serve as guiding themes as we develop critical theory explaining why the hoop dream has persisted, and adapted, over time, to fit the needs of its believers and supporters.

- **SF-182 Heroes, Antiheroes and Outsiders: Reading the Graphic Novel**

Credits:

4.00

Description:

How is it that comics", a genre often viewed as entertainment for children and adolescents, has become one of the most exciting forms of narrative and visual art? To answer this question, this seminar will examine a range of graphic novels, from those that celebrate their origins in superhero comics, such as Alan Moore's *Watchmen*, to those that treat subjects not usually considered proper to the comics genre, such as Art Spiegelman's *Maus*, about the Holocaust, and Alison Bechdel's *Fun Home*, about the complexities of sexual identity. As we read these works, we will look at how the combination of words and still images makes the graphic novel a unique storytelling form, as well as how artists and writers push the envelope to create new styles and challenge our expectations. In addition to class discussions and writing assignments, we will take a field trip to the Museum of Fine Arts and create a collaborative group graphic novel step-by-step over the course of the semester (all abilities welcome).

- **SF-183 Politics, Power and the Media**

Credits:

4.00

Description:

Is there a relationship between accumulated political power and mass media representations? Is news content impacted by existing political power relations? It is the object of this course to critically analyze the role of the mass media within the framework of existing political power relations in the United States. In particular, the course will focus on the role the mass media plays in promoting and reinforcing dominant political practices and ideologies. The course will begin by exploring various theories of the press, notably its function in a democratic society, as well as the concepts of power and propaganda. We will continue with a series of case studies, complemented by secondary sources that highlight how media representations affect the contemporary distribution of political power in the US. Topics of discussion will include the current US war on terrorism, the ongoing health care debate, the public disavowal of big government", and the concept of a liberal media.

- **SF-189 American Gothic: Edgar Allan Poe, Flannery O'Connor and Annie Proulx**

Credits:

4.00

Description:

This literature seminar will study and compare the short stories of Edgar Allan Poe, Flannery O'Connor, and Annie Proulx. Beginning with Poe as the father of the short story genre in America and exploring his critical theory of the grotesque and arabesque", the class will examine the emergence of the gothic literary idiom as a classic American genre. Critical essays on the gothic aesthetic will be analyzed and film adaptations and documentaries will be viewed.

- **SF-190 Asia in America Fiction and Fact**

Credits:

4.00

Description:

With a focus on some selected ethnic groups from Asia, Asia in America studies the history and current status of Asian Americans in Boston and other parts of the country. We will examine the major reasons why these immigrants chose to leave their home country as well as their expectations and experiences here in America. We will also discuss the issues Asian immigrants have faced in this adopted home as well as the connections and conflicts among different ethnic groups or even within the same ethnic group due to political and socio-economic reasons. The course will include some level of community engagement, through Chinatown tour and service, which may enable us to have a direct contact with the Asian American population and reflect on what is being discussed in class. Through this course, we hope to gain a better understanding of the racial and cultural history of the country and arrive at a deep appreciation of the dynamics of cultural interactions in the twenty-first century. The course fulfills the SCGP requirement.

Type:

Global Engagement Experience

- **SF-191 Film Adaptation Film Adaptation**

Credits:

4.00

Description:

Why did they change the ending of the book? The novel is so much better! We will explore the concept and industry of film adaptation. Students will read novels and watch respective film adaptations to

explore how the written word is adapted to the screen; both fiction and non-fiction works will be considered. Also, field trips to past film locations in Boston will be taken to explore why specific settings were chosen for respective situations. Additionally, students will create their own written adaptations of source materials, putting into practice the concepts studied in class.

- **SF-197 Sustainability, Energy, and Technology At Suffolk University**

Credits:

4.00

Description:

In this project and team-based course, students study a sustainability problem at Suffolk University and spend the semester developing proposals to address the problem. At the end of the course students will present their proposals to Suffolk University's sustainability committee, and will exhibit their websites and visual aids in the Donahue lobby to educate the Suffolk community about sustainability. If their proposals are well-researched and well-communicated, students can see their ideas actualized while they are still undergraduates.

- **SF-198 Music and the Brain**

Credits:

4.00

Description:

What accounts for the power of music to move us so profoundly? This course explores how our brains and music evolved together: What music can teach us about the brain, what the brain can teach us about music, and what both can teach us about ourselves.

- **SF-199 Unfolding the European Union**

Credits:

4.00

Description:

The EU is a powerful political, economic and cultural block that is meant to play a major role, together with the USA and China, in the creation of a new post-crisis world order. The seminar is intended to cover, at a basic but reachable level, the history, the politics, the culture and the functions of the EU in the beginning of the Twentieth Century. An extraordinary experiment of sociopolitical engineering, comparable to that of the United States of America, the EU has been changing the life of an increasing number of Europeans for over 50 years. No American student could afford to ignore the inner structure as well as the particular peculiarities of such inclusive supranational organization in today's world. Issues as institutional functioning, problems derived from individual state sovereignty, economic

coordination to face common challenges, cultural integration, future enlargement, etc. are all indispensable to understand the way in which Europe is changing. But also much more day-to-day issues, such as travel mobility, education exchange programs, citizen's participation, supranational networks of people in the arts or in business, unified labor market, gender participation, human rights, consumer's protection, etc. are all in the process of developing a more robust and functional European Citizenship.

- **SF-1110 Decoding Boston: Signs and the City**

Credits:

4.00

Description:

This interdisciplinary seminar will explore the buildings, monuments, sites, and signs around Boston from the point of view of Visual and Culture Studies. In addition to providing a compelling introduction to the history, major landmarks, and culture of the city, the seminar is specifically intended to improve students' visual literacy: that is, their awareness of their visual environment and their ability to critically analyze the rhetoric of the spaces, buildings, and images with which they are surrounded.

Type:

Local Engagement Experience

- **SF-1122 The Ethics of Peace and War: From The Ancient World to the Present**

Credits:

4.00

Description:

This course will explore historical, ethical and political issues concerned with matters of peace and war. We will examine a variety of different texts: religious, historical, philosophical and literary, but the main emphasis will be philosophical justifications for war and philosophical visions of just peace, with an eye to contemporary questions in the War on Terror. To the extent that we use non-philosophical texts, this will be in the service of focusing the imagination on the philosophical issues and applying theoretical frameworks to historical events.

- **SF-1127 The Vietnam and Iraq Wars: Polarized Perspectives**

Credits:

4.00

Description:

This class will examine some of the many controversies surrounding the Vietnam and Iraq Wars, two conflicts that have been profoundly polarizing for the American people. There are widely divergent perspectives regarding the fundamental questions surrounding each war. Were the reasons for American involvement just? To what extent were the methods used by the United States military during each war just? To what extent did the media play an appropriate role before, during, and after each war? Did opposition to these wars serve primarily to benefit the enemies of the United States or did it constitute a form of patriotism and love of country? This interdisciplinary course will address these and other complex questions by examining the histories, literature, and films (both documentaries and dramatic) that have been produced in response to these wars.

• SF-1128 Sustainable Media

Credits:

4.00

Description:

Contrary to a popular perception that information, communication and entertainment technologies are clean, ecologically benign and paperless, the reality of an increasingly digital life is that our fascination with the next best thing in mobile phones, video game consoles, personal computers, digital cameras, tablets, etc., has devastating impacts on our environment. These media devices are manufactured using toxic ingredients in poisonous working condition, require an abundance of energy to operate, and create hazardous waste when disposed. Media technology companies and the advertising industry that markets their wares have successfully persuaded consumers to accept rapid obsolescence and to highly anticipate the latest upgrade. But some consumers, electronics manufacturers, policy makers, and environmental groups are working to change the culture of consumption in favor of sustainable media practices that lessen the environmental footprint of the digital devices we use everyday. The purpose of this course is to understand the problem of unsustainable media, and the possible solutions for a sustainable media system.

• SF-1129 Beacon Hill: Fact, Fiction, and Fantasy

Credits:

4.00

Description:

The course will explore the physical geography, history, and image in literature, film, and pop culture of Suffolk University's Beacon Hill neighborhood. The purpose and objective of the course is to provide students with a deep knowledge, understanding, and appreciation of Beacon Hill through examination of written and visual sources, and feet-on and eyes-on experience of the public parts of the Hill.

Type:

Local Engagement Experience

- **SF-1133 Problems and Solutions in Early American History**

Credits:

4.00

Description:

This course will examine four major problems in the early American republic: forming a government; bridging vast distances on the American continent; slavery; international relations. We will explore the various proposed solutions to these problems. Some of the solutions worked well, others were more disastrous than the initial problem. We will read primary documents pertaining to these issues, and try to imagine how men and women considering the problems might have responded to them. What solutions could be proposed? What solutions would work? What were the political, economic, or social difficulties generated by the problem and by the proposed solutions? In considering the problems, we will also learn how to use the various archives close at hand: the Sawyer Library, the Boston Public Library, the Massachusetts Historical Society, and the Massachusetts State Archives. Students will also post their findings on a class blog, and present their work to one another in class.

- **SF-1134 The Meaning of Life**

Credits:

4.00

Description:

What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? This award-winning course offers a cross-cultural, interdisciplinary exploration of these questions through philosophical and religious texts, art, fiction, autobiography, and psychological studies. The course opens with the Old Testament's book of Ecclesiastes, followed by three units: 1) A Life Worth Living: Humanity's Ideals focuses on the ancient and modern visions of human flourishing; 2) Threats to Meaning: Humanity's Discontents, discusses the disillusionments leading to the loss of meaning; and 3) Recovery of Meaning: Crises and Hopes, explores the post-crisis possibilities of self-discovery and growth. Please visit <http://meaningoflife.cherkasova.org/>

- **SF-1135 Women Warriors: Stories of Captivity, Conversion, and Confession**

Credits:

4.00

Description:

Since the beginning of time, women have been doing battle to themselves, while men have gone to battle against others. Whether it is through converting to Christ, yielding to captors in order to survive, or carrying a baby, this course introduces students to the many ways in which, whatever battles they

face, women are warriors; they survive. Utilizing an array of captivity, conversion, and confession narratives by women, and pairing them across the centuries, students will make connections and draw conclusions between early-and mid-19th-century-American and contemporary women. Students will connect, for example, the trials of the 17th-century Puritan captive, Mary Rowlandson, and contemporary hostage, Elizabeth Smart, to explore how women (no matter how different they seem) draw upon unique inner resources to survive.

• SF-1141 Classical Civilizations: Pathways to Wisdom

Credits:

4.00

Description:

How is it that the knowledge, intelligence, wisdom and values of the Greeks and Romans still educate and edify the world by providing venues towards leading fulfilling and dignified lives? The guiding principles of their respective civilizations rested upon eight pillars: - Humanism: It was recognized that humans have the potential to master their world and live life to the fullest. -The Pursuit of Excellence: To imagine the highest good and strive to attain it. - Self Knowledge: It is imperative to know oneself before seeking to know the world. - Rationalism: Always question, reason and discern truth from falsehood and never consider any matter superficially. - Restless Curiosity: Often the resolution of one issue leads to the revelations of others mysteries and pursuits which compels further investigation. The wise individual makes this a lifelong endeavor. -Love of Freedom: As long as one brings no harm to others, one must be free to live and discover as much as possible. - Individualism: All are unique and, therefore, must recognize individual strengths and identity. -The Practice of Moderation: The prudence of avoiding extremes in personal and social conduct. In this course, students will read two (brief) texts on the Greek and Roman contributions to the world and then will proceed with specific readings which illuminate the eight principles above for achieving the good life.

• SF-1143 In the First-Person: Storytelling in the 21st Century

Credits:

4.00

Description:

This section of the Seminar for Freshmen will consider the forms, venues, and impacts of narrative nonfiction in contemporary culture. From the exploding popularity of personal essays in the digital age to the living, evolving essays we create on social media, we are constantly narrating and archiving our lives, shaping their content for specific audiences. In doing so, we shape what our experiences mean and represent. In order to analyze the power of narrative nonfiction, we will look at a variety of multimodal texts: essays, podcasts, Instagram and Twitter feeds, stand-up comedy, and storytelling slams, as well historical texts such as the essays of Michel de Montaigne and historical artifacts at the National Archives in Boston. We will also write our own narrative nonfiction, and adapt our first-person stories for listening and viewing audiences, such as the MassMouth story slam and podcasts like This American Life. Additionally, we will practice narrative nonfiction for professional audiences, using

storytelling as a way to showcase personal strengths to employers, internship coordinators, and the like.

- **SF-1144 Native Americans: Walking in Two Worlds?**

Credits:

4.00

Description:

Native Americans are often described as walking in two worlds, as they attempt to navigate the process of maintaining their tribal identity and heritage while living in mainstream America. In recent years there has been a shift towards tradition and heritage, and a rejection of Western values and norms in both the US and Canada. In this course we will look at how Native people live in the US and Canada today, and examine the extent to which they are either trying to walk in two worlds or perhaps rejecting the two worlds model. To help us answer this question, we will read about reservation life, the Idle No More Movement, Indigenous History, and current events. We will also watch videos and explore indigenous culture.

- **SF-1145 Emergence of Southeast Asia**

Credits:

4.00

Description:

Explores the eleven countries and 600 million people of Southeast Asia starting with foundations- geography and environment- and then looking at the human imprint, in the form of the history, religions, and cultures of the region. An examination of contemporary issues related to demography, politics, and (especially) economics.

- **SF-1146 Fido the Friendly Wolf: A Natural History of Dogs**

Credits:

4.00

Description:

This course explores the evolution of dogs from wolves and the ways in which dogs have adapted to their niche in human society. The ecology, behavior, genetics, and adaptations of dogs will be explored in relation to both their wolf ancestry and artificial selection by humans. The course includes 2 mandatory field trips to a wolf sanctuary and an animal shelter.

- **SF-1147 Global (In) Security: From ISIS to Ebola**

Credits:

4.00

Description:

This course reviews the principal features of global and national security as it is currently practiced by tracing the evolution of theories, policies and circumstances whereby current international security is developed. Students will evaluate the nature and origins of war, arms proliferation, military instability, terrorism, genocide, health threats and natural resources depletion.

- **SF-1148 Brave New Worlds**

Credits:

4.00

Description:

Explores themes of adventure, self-discovery, exile, and culture shock in classic and contemporary travel writing (including fiction, poetry, and non-fiction) as well as film. Students will experiment with creative writing of their own, develop theories of cosmopolitan world citizenship, travel through the city of Boston on field trips, and team up to learn about different countries in Suffolk's global network of study abroad programs.

- **SF-1150 Religion in Contemporary Society**

Credits:

4.00

Description:

This course is design to provide students with an overview of the social settings and cultural meanings of religion in the contemporary world. Topics that will be covered in reading and discussions include the rise of religious fundamentalism, religion and violence, women's and men's religious experiences, new religions, and portrayals of religion in popular films. In addition to the readings, students will observe and experience religious expressions and activities through fieldwork assignments. The emphasis on films and fieldwork reflects my belief that religion is made up of lived experiences of actual individuals and communities. In order to understand religion in contemporary society we will make every effort to see (in person or in film) a wide range of religious activities. The films we will see include some of the following: Leap of Faith, Devil's Playground, Kadosh, Women of Hizballah, Singing Stream, A Still Small Voice.

- **SF-1151 Reproduction and Society**

Credits:

4.00

Description:

This course explores relationships between reproductive health and rights both nationally and internationally. Many of our topics fit into two broad areas: conflicts over the control of childbearing (sterilization abuse, birth control, and abortion) and conflicts over who deserves to be a mother, especially when the mothers in question face social stigma and lack political power. Other topics include safe birth and maternal mortality, breastfeeding, infertility and reproductive technology. We also examine the politics of women's sexual and reproductive autonomy, including the policies that shape women's choices to prevent, achieve, abort, or carry to term a pregnancy. Throughout, we are guided by the following questions: Why is reproduction an important site through which to understand society? How do statuses such as race, class, gender, sexuality and ability influence people's reproductive possibilities? What is the role of the state in shaping these experiences? How have communities supported or resisted efforts at reproductive control? Why is reproductive justice central to these answers?

- **SF-1152 The Idea of America: Past, Present, Future**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. The course will also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. Because this course intends to apply theoretical understanding to real life, students will be expected to read contemporary journalism on a regular basis and assess the controversies of today in the light of the nation's philosophical and historical currents.

- **SF-1153 Law, Disease, and Public Health**

Credits:

4.00

Description:

This course is about public health law, which is the study of the legal powers and duties of the various systems of government in the United States (federal, state, and local) in collaboration with their partners (e.g., health care, business, the community, the media, and academe), to ensure the conditions for people to be healthy (to identify, prevent, and ameliorate risks to health in the

population), and of the limitations on the power of these systems of government to constrain for the common good the autonomy, privacy, liberty, proprietary, and other legally protected interests of individuals. The prime objective of public health law is to pursue the highest possible level of physical and mental health in the population, consistent with the values of social justice. The course will focus especially on public health law in the area of epidemic disease. Case studies will be made of the Great Influenza of 1918 and the origins and spread of the Ebola virus, culminating in an examination of outbreaks of Ebola in the United States.

• SF-1154 Introduction to Visual Studies

Credits:

4.00

Description:

This seminar provides an introduction to Visual Studies, a relatively new interdisciplinary field that examines how images communicate and the roles that they play in society. Students will apply the concepts and techniques of Visual Studies to analyze sites and signs around Boston, such as advertisements, street signs, fashions, newspaper photographs, buildings, and public spaces. Class projects will increase students' awareness of their visual environment and their ability to critically analyze the visual rhetoric that surrounds us and is often used to manipulate us.

Type:

Local Engagement Experience

• SF-1155 The Boston Olympics

Credits:

4.00

Description:

This class will teach students about the key role that sporting events can play in building a city, building its brand and the politics surrounding the process of these things occurring. Topics may include: urban development in general and the transformation of the industrial to the post-industrial Boston; the way in which cities use events like the Olympics to build their place brands; the way an effort like the Olympics can be used to encourage large scale public investment in longer term infrastructure projects that otherwise might not be justifiable; and the way government works with interest and community groups to try to shape public policy.

• SF-1156 Thinking About the Insanity Defense

Credits:

4.00

Description:

This course examines sixteen case examples providing a clear and compelling introduction to one of the most important topics in the relation between public policy and law. This course addresses: the history of the insanity defense; the effects of different standards for determining insanity; the arguments for its retention; abolition, and revision; media and other responses to it; and the controversies around pre and post conviction commitment. The case examples illustrates a variety of outcomes and include individuals who were found not guilty by reason of insanity; found guilty even though mentally ill; and not charged because of mental illness.

• SF-1157 Germany in Film and History, 1945-2015

Credits:

4.00

Description:

Since 1945, Germany has had a lot of history to reckon with- and 21st century Germany history through film, newsreels and other archival footage, radio and TV shows, war memorials and museums built since 1945, novels, published diaries, and memoirs. We will also read recent historical scholarship to put these cultural texts in context. Topics include the representation, in film and other texts; of: post-war rebuilding, the German Economic Miracle; the building of the Berlin Wall; radical politics of the 1960s and 1970s; coming to terms since 1945 with Germany's Nazi past and the Holocaust; coming to terms since 1990 with the Stasi and East German past; Ostalgie (nostalgia in the 21st century for some aspects of East German socialism); the multicultural society that is Germany today, with new Turkish, Greek, Russian, Arab, and even Israeli communities.

• SF-1158 Global Climate Change

Credits:

4.00

Description:

Conversation about the weather is considered to be the universal icebreaker. Yesterday's sweltering heat, the storm predicted for this weekend, even long-term climate shifts find their way in our daily conversation. Today, however, such casual conversations have an edge to them, because we are realizing that humans play a role in determining the climate shift. In fact, understanding the human fingerprint in the Arctic tundra melting, or a devastating hurricane, has gone well-beyond small talk to become one of the most important challenges our society faces today, and on that is wedded to geopolitics. To meaningfully participate in any dialogue that addresses this challenge people have to be aware of certain key ideas of Physics and Planetary Science. The aim of this course is to provide you with some of the essential facts and pieces of science underlying such questions. This course will enable you to grasp many of the issues that dominate today's political discourse and to develop an informed opinion (your, not our!) for which you can rationally argue.

- **SF-1160 Individuals and Society in the Zombie Apocalypse**

Prerequisites:

CAS Freshmen Only

Credits:

4.00

Description:

The Walking Dead tells viewers that life in the zombie apocalypse requires people to fight the dead, fear the living. Sociologists want to know why we should fear the living. How do individuals come together and try to recreate society for themselves: either to build community or fight other groups? What role do morals and values have in a society? How does all of this determine life, death, and the struggles people must face? Questions like these will give our class a new view of The Walking Dead and can help us to learn more about the society that we live in where so far the dead have remained in the ground.

- **SF-1162 Space Missions: From Moon to Mars and Beyond**

Credits:

4.00

Description:

It is hard to believe that only 60 years ago, our only close-up view of a planetary body was that of Earth. We are truly living in the Golden Age of Space Exploration, when a new mission every few years brings us spectacular images from either a neighbor in the solar system or galaxies at the edge of the universe. This course will describe the dozen space missions that changed our view of the universe, ranging from our solar system to the most distant galaxies.

- **SF-1163 Spellbound! Witches, Wizards and Spirits In American Literature**

Credits:

4.00

- **SF-1164 Reinventing Europe: Beyond Brexit and Secular Stagnation**

Credits:

4.00

Description:

While newspaper headlines focus on the multiple problems Europe is facing today, the evolving adaptation of European nation states and the integration process receive less attention. Brexit and economic crises seem to be synonymous of Europe today, but facts such as the European Union accepting five new members in the coming five years or Europe being the most advanced environmental actor or the main international provider of official aid are often ignored by public opinion. This Seminar for Freshman examines the dynamic evolution of the integration process in Europe in the context of globalization. Three sections articulate the main debates and tensions in the interplay between national and supranational institutions and policies. The first part analyzes how eight European countries have forged their national preferences to delineate their level of immersion in the integration process; it later proceeds with the examination of the main historical events in the history of the integration process. The second part explores the functioning of the EU institutions in order to grasp the essence of the complex policy-making in the Europe of 28 members. The third and final section presents the analysis of the main areas of the EU policy making such as agriculture, monetary and economic issues, among others, and observes the main developments in the area of EU external relations.

- **SF-1165 History of Boston**

Credits:

4.00

- **SF-1166 Cinema-Monde: Global Challenges on Film**

Credits:

4.00

Description:

This course focuses on French-language films - with subtitles! - that address pressing social issues of the 20th and 21st centuries, such as hunger, female genital mutilation, immigration, racism, economic inequality, genocide, gender, sexuality, colonialism and post-colonialism.

- **SF-1167 Fantasy Fiction: Imaginary Worlds**

Credits:

4.00

- **SF-1168 The Real Thing: the Pursuit and Problems Of Authenticity**

Credits:

4.00

Description:

This course will focus on the concept of authenticity in American culture, from its origins in the early 19th century to the present. When the advertising gurus of Coca-Cola branded it as "The Real Thing," they were exploiting something powerful: the idea of something real, stripped of any falsity or illusion. Humans have always desired to know the world and others as they really are," but this desire is particularly strong in the modern world: witness the eagerness to discover one's true self," cut through the B.S., obtain the genuine article, and live authentically. In this course we will interrogate this pursuit of the Real Thing. In various ways, the texts we study both embrace authenticity as an ideal and also question its goodness, usefulness, or even its very possibility. We will thus confront a number of interrelated questions: Where does this desire for authenticity come from? What counts as authenticity," in life and in art? Is authenticity really a virtue to live by? How does it shape artistic and literary expression? Is there even such a thing as the real you This course will be divided into three units. In the first unit, "Counterfeiters and Self-Made Men," we will study how a commitment to authenticity arises in antebellum American literature and culture during a time of rapid national expansion and invention. Readings will include texts by Henry David Thoreau, Ralph Waldo Emerson, Herman Melville, and P.T. Barnum. In the second unit, "Authenticity and Contamination," we will consider two major ways in which authenticity becomes idealized around the turn of the 20th century: as an artistic ideal set against fears of mass cultural production, and as a cultural ideal set against fears of racial and cultural mixing. Readings will include texts by Ernest Hemingway, Nella Larsen, Jean Toomer, and William Carlos Williams. In Unit Three, "Buying and Selling Authenticity," we will examine how authenticity becomes commodified (

• SF-1169 Immortality: Real and Imagined

Credits:

4.00

Description:

Most of the world's religious traditions have as a part of their doctrines some notion of immortality, rendered both in scriptures as well as iconographically. What precisely is entailed by immortality and why does it constitute such a significant element of so many religious traditions? What can we learn about immortality by investigating various conceptions of the afterlife? Is immortality truly a desirable thing? These questions among others will be examined from the perspectives of philosophy, religion, psychology, anthropology, and biology. Besides being cross-disciplinary, the course will be multi-media in nature. In addition to reading philosophical and religious texts concerning the nature of immortality, students will study various accounts of immortality and the afterlife, examine how the afterlife has been dealt with in (visual) art, literature, and film, and investigate current research into life prolongation (biomedical gerontology).

• SF-1170 From Philia to Facebook: the Meaning of Friendship

Credits:

4.00

Description:

The thematic focus of this seminar will be friendship. Friendship is one of the most important of human relationships; one that every student in this seminar has already participated in for many years. It shapes who we are and helps determine who we may become. And while it is a universal phenomenon, it has been practiced quite differently at various times and places in human history. And while we all have an intimate, personal and practical knowledge of friendship through our own experiences, sometimes things that are so close and so obvious to us can be hard to see. Over the course of the semester we will inquire into friendship from many different angles, trying to gain both a broader and a deeper understanding than our own individual experience allows. We will look at friendship first through the lens of philosophy, particularly through the foundational text of Aristotle, *The Nicomachean Ethics*. We will look at other views of friendship from the ancient world, starting in the past to help us see that friendship has not always been thought of the way we think of it now. After this initial foundation is laid, we will examine other writers and thinkers and take up additional topics like friendship in different cultures, friendship and gender, friendship in and through the arts and include an examination of friendship through the lenses of many different academic disciplines to see how other systematic thinkers conceive of friendship. All along we will be comparing and contrasting with our own personal experiences and considering what modern technology, such as social networking sites, has done to influence friendship, in the way we practice it and the way we conceive it. It is the aim of this class that students not just study different academic points of view, but that they take up the questions and challenges that these thinkers present to them and fully engage with them on a meaningful personal level.

- **SF-1171 Living on and Beyond the Hyphen/Latino Writers in the USA**

Credits:

4.00

Description:

Hyphenated-Americans of Latino origin come from many places and backgrounds. Often perceived as a divide, an either/or that separates and distinguishes one ethnic group from another, the hyphen can also be viewed as a link that connects, integrates and facilitates the formation of new cultural spaces. Through films and written narratives by and about U.S.A. Latino(a)(x)-Americans, students will examine how individuals who live on the threshold between two languages and cultures embrace the challenge of preserving their own identity and moving beyond stereotypes. Each of the Latino/a/x authors that we will read in this course will describe his/her own experiences living in the U.S.A. By examining their views through our own filtered lens we shall try to answer questions like the following: 1. What role does language have in our definition/understanding of cultural identity? 2. How do individuals move beyond the hyphen and stop seeing themselves as hybrids? 3. How can an individual who does not belong to a marginalized group (i.e. one considered less powerful and secondary) understand and empathize with those who do? 4. How does globalization affect the dichotomies that arise in bi-cultural and multi-cultural communities?

- **SF-1172 The United States Mexican Border**

Credits:

4.00

Description:

One hundred and sixty nine years have passed since the Treaty of Guadalupe Hidalgo was signed. It is only fitting to analyze the profound changes that the gain/loss of these territories caused for the citizens of both sides of the border. This course will explore the literature, culture, and history of the United States-Mexican Border and the most pressing problems pertaining to the region. Emphasis will be on contemporary border theater and film. The works of Salcedo, Galindo, Lopez and others will be studied as well as contemporary films and documentaries such as *Alambrista*, *Senorita Extraviada*, *The Gatekeeper*, *Sin Nombre*, *Wetback: the Undocumented Documentary*, *Victoria para Chino*, *Which Way Home*, and much more. There are no prerequisites for this course. Though the course is conducted in English, parallel readings in Spanish will be made available to those who wish to read and/or compare the original texts.

Students in the CAS Honors Program should choose one Seminar for Freshmen course from those listed below:

- **SF-H101 Fixing the World- Energy and Water: The Science of Solutions**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

Two of the most daunting challenges the world faces (or will face) is how to provide for both its growing energy needs and potable drinking water. Regular news events include climate change, droughts, flooding, and petroleum struggles. Human nature often requires a severe crisis before it responds. This course will investigate the historical science driving the use of energy since the Industrial Revolution to convert energy resources into work, including the steam engine, the electric motor, and the internal combustion engine. It will also consider alternative energy options to fossil fuels, such as solar, wind, geothermal, and ocean power. Along the way we will consider the evidence for Global Warming and Climate Change. We will look into human nature, simple life styles, conspiracy theories, and the influence of those in power to shape human opinion. We will also consider how our water supply is provided and where it goes after being used. What options do developing countries or drought racked areas have to remedy their water needs? Although the course pursues a scientific understanding of these issues, the mathematics used will be gentle, and a larger emphasis will be placed on the intuitive appreciation of these concerns.

- **SF-H116 Enlightened Insanity**

Prerequisites:

CAS Honors students only.

Credits:

4.00

Description:

Rain or shine, the great 18th century Enlightenment philosophers would meet at the famous cafes of Paris to discuss their ideas, and to observe and criticize society. From these informal debates emerged ideas that are at the core of our modern understanding of the nature of society, marginality, human nature, civil rights, the essence of creativity and genius. Come join us in the quest to understand, define, observe, and analyze the key ideas and concepts of these great thinkers, such as Rousseau, Diderot, and Voltaire, still so relevant in our time. We will read key works of these creative thinkers and philosophers. We will enrich our experience and understanding through the use of film, theatre performances, museum visits, as well as the occasional cafe debate.

Type:

Honors

- **SF-H126 The Boston Theatre Scene: The Inside Experience**

Credits:

4.00

Description:

Using the current Boston theatre season as its syllabus, this writing- and analysis-intensive course will explore several plays in production at some of Boston's many professional theatres. We will study the script of four to five plays before attending performances of those works. Students will gain insights on the world of theatre through backstage tours and conversations with theatre professionals such as producers, directors, actors, designers, playwrights, and critics. Students must be available for evening (usually Wednesday) performances. A fee for student-rate tickets will be assessed.

Type:

Honors

- **SF-H178 Sacred Hoops & Sneaker Pimps: Understanding the American Hoop Dream**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This course is about the basketball hoop dream played out at the high school and college levels. We will study a wide variety of materials - novels, films, websites, reference works - to understand both the construction, and destruction, of the hoop dream in such diverse places as New York City, Seattle, rural Indiana, suburban Georgia, and the Wind River Reservation in Wyoming. Issues of race and culture will serve as guiding themes as we develop critical theory explaining why the hoop dream has persisted, and adapted, over time, to fit the needs of its believers and supporters.

Type:

Honors

- **SF-H182 Heroes, Antiheroes and Outsiders: Reading the Graphic Novel**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

How is it that comics", a genre often viewed as entertainment for children and adolescents, has become one of the most exciting forms of narrative and visual art? To answer this question, this seminar will examine a range of graphic novels, from those that celebrate their origins in superhero comics, such as Alan Moore's *Watchmen*, to those that treat subjects not usually considered proper to the comics genre, such as Art Spiegelman's *Maus*, about the Holocaust, and Alison Bechdel's *Fun Home*, about the complexities of sexual identity. As we read these works, we will look at how the combination of words and still images makes the graphic novel a unique storytelling form, as well as how artists and writers push the envelope to create new styles and challenge our expectations. In addition to class discussions and writing assignments, we will take a field trip to the Museum of Fine Arts and create a collaborative group graphic novel step-by-step over the course of the semester (all abilities welcome).

Type:

Honors

- **SF-H197 Sustainability, Energy, and Technology At Suffolk University**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

In this project and team-based course, students study a sustainability problem at Suffolk University and spend the semester developing proposals to address the problem. At the end of the course students will present their proposals to Suffolk University's sustainability committee, and will exhibit their websites and visual aids in the Donahue lobby to educate the Suffolk community about sustainability. If their proposals are well-researched and well-communicated, students can see their ideas actualized while they are still undergraduates.

- **SF-H1134 The Meaning of Life**

Prerequisites:

CAS honors students only.

Credits:

4.00

Description:

What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? This award-winning course offers a cross-cultural, interdisciplinary exploration of these questions through philosophical and religious texts, art, fiction, autobiography, and psychological studies. The course opens with the Old Testament's book of Ecclesiastes, followed by three units: 1) A Life Worth Living: Humanity's Ideals focuses on the ancient and modern visions of human flourishing; 2) Threats to Meaning: Humanity's Discontents, discusses the disillusionments leading to the loss of meaning; and 3) Recovery of Meaning: Crises and Hopes, explores the post-crisis possibilities of self-discovery and growth. Please visit <http://meaningoflife.cherkasova.org/>

Type:

Honors

- **SF-H1135 Women Warriors: Stories of Captivity, Conversion, and Confession**

Credits:

4.00

Description:

Since the beginning of time, women have been doing battle to themselves, while men have gone to battle against others. Whether it is through converting to Christ, yielding to captors in order to survive, or carrying a baby, this course introduces students to the many ways in which, whatever battles they face, women are warriors; they survive. Utilizing an array of captivity, conversion, and confession narratives by women, and pairing them across the centuries, students will make connections and draw conclusions between early-and mid-19th-century-American and contemporary women. Students will connect, for example, the trials of the 17th-century Puritan captive, Mary Rowlandson, and contemporary hostage, Elizabeth Smart, to explore how women (no matter how different they seem) draw upon unique inner resources to survive.

Type:

Honors

- **SF-H1146 Fido the Friendly Wolf: A Natural History of Dogs**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This course explores the evolution of dogs from wolves and the ways in which dogs have adapted to their niche in human society. The ecology, behavior, genetics, and adaptations of dogs will be explored in relation to both their wolf ancestry and artificial selection by humans. The course includes 2 mandatory field trips to a wolf sanctuary and an animal shelter.

Type:

Honors

- **SF-H1148 Brave New Worlds**

Prerequisites:

Restricted to CAS Honors students

Credits:

4.00

Description:

Explores themes of adventure, self-discovery, exile, and culture shock in classic and contemporary travel writing (including fiction, poetry, and non-fiction) as well as film. Students will experiment with creative writing of their own, develop theories of cosmopolitan world citizenship, travel through the city of Boston on field trips, and team up to learn about different countries in Suffolk's global network of study abroad programs.

Type:

Honors

• SF-H1152 The Idea of America: Past, Present, Future

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. The course will also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. Because this course intends to apply theoretical understanding to real life, students will be expected to read contemporary journalism on a regular basis and assess the controversies of today in the light of the nation's philosophical and historical currents.

Type:

Honors

• SF-H1161 The Playwright and the Stage

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This writing and script analysis intensive course will explore plays across a range periods and styles. The scripts of five plays will be studied and we will attend performances of two of those works at professional theatres in Boston. Other activities will range from a backstage tour to conversations with theatre professionals such as producers, directors, actors, designers, playwrights and critics, in order to lift the script off the page and provide a living experience of theatre. Requires students to be

available for evening (usually Wednesday) performances. A fee for tickets at student rates will be assessed.

Type:

Honors

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

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SUFFOLK
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BOSTON

Academic Catalogs

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2017-2018 Archived Catalog Information

Bachelor of Arts

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BA degree programs require the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

First-Year Writing: 2 courses, 8 credits

- WRI-101 First Year Writing I

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

• WRI-102 First Year Writing II

Prerequisites:

WRI-101 or ENG-099 with at least a B and ENG-P099 with a P or WRI-H103

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

A student may be assigned to other writing courses or may be invited to take WRI-H103. Students required to complete ENG-099 may be allowed to waive WRI-101 with a grade of "B" or better and the approval of the English department. Students who are invited to complete WRI-H103 and earn a "B" or better satisfy the two Writing Requirements. Waiving a course does not earn credits.

• WRI-H103 Advanced First Year Writing

Prerequisites:

By Invitation Only.

Credits:

4.00

Description:

This course is by invitation only and reserved for incoming Suffolk students with high admission scores. Advanced study and practice of writing process, revision, and research, based on close readings of a variety of texts. Fall semester only.

Type:

Honors

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

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SUFFOLK
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Academic Catalogs

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2017-2018 Archived Catalog Information

Bachelor of Arts

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BA degree programs require the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Creativity & Innovation: 1 course, 3 credits

Choose one Creativity & Innovation course from those listed below:

- **ADF-S171 CI: Integrated Studio 1**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

Type:

Creativity and Innovation, Arts Admin Minor Elective

• ADF-S172 CI: Integrated Studio II**Prerequisites:**

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

Type:

Creativity and Innovation

• CI-000 CI Place Holder**Credits:**

0.00

Description:

Place holder for rooming purposes.

• CI-101 Process and Epiphany

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Despite its mystical connotations, creative epiphany is the result of a long engagement with the creative process that results in a surprising and unpredictable understanding of a concept or the solution to a problem. In the way that the discoveries of science are guided by the scientific method, the path to creative innovation is through a directed creative process. All creative innovators follow such a directed creative process, whether they are industrial designers or fine artists, performers or inventors, architects or entrepreneurs. This course explores both historical examples of individuals whose creative innovation changed the world, as well as hands-on collaborative, practical problem solving employing the creative process.

Type:

Creativity and Innovation

• CI-H101 Honors- Process and Epiphany

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Despite its mystical connotations, creative epiphany is the result of a long engagement with the creative process that results in a surprising and unpredictable understanding of a concept or the solution to a problem. In the way that the discoveries of science are guided by the scientific method, the path to creative innovation is through a directed creative process. All creative innovators follow such a directed creative process, whether they are industrial designers or fine artists, performers or inventors, architects or entrepreneurs. This course explores both historical examples of individuals whose creative innovation changed the world, as well as hands-on collaborative, practical problem solving employing the creative process.

Type:

Creativity and Innovation, Honors

• CI-102 The End of Global Poverty

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. More than one-third of our global population lives in poverty, earning less than two dollars a day. Governments, businesses, social enterprises, and charitable organizations have tried to solve the global poverty issue with mixed results. What is the solution? Is entrepreneurship the solution, part of the solution, or has no impact whatsoever? In this course, you will gain an understanding of the power of entrepreneurship (in the context of creativity and innovation), the definition and depth of global poverty (in the context of constraints, such as human, financial and physical resources embedded in local, regional, national and global cultures), and successes and failures of past initiatives to reduce poverty. This is not a course about politics or business, but rather finding a solution to a problem that has eluded mankind since the beginning of time.

Type:

Creativity and Innovation

• CI-H102 The End of Global Poverty

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to

synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. More than one-third of our global population lives in poverty, earning less than two dollars a day. Governments, businesses, social enterprises, and charitable organizations have tried to solve the global poverty issue with mixed results. What is the solution? Is entrepreneurship the solution, part of the solution, or has no impact whatsoever? In this course, you will gain an understanding of the power of entrepreneurship (in the context of creativity and innovation), the definition and depth of global poverty (in the context of constraints, such as human, financial and physical resources embedded in local, regional, national and global cultures), and successes and failures of past initiatives to reduce poverty. This is not a course about politics or business, but rather finding a solution to a problem that has eluded mankind since the beginning of time.

Type:

Creativity and Innovation,Honors

• CI-103 Making Inventions: Sticking Your Neck Out

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course examines cutting edge technologies, the science behind them, and their practical application and follow-up success or failure. It also provides the students a chance to consider the relevance of identified needed inventions from the 1950s, and whether those projections were correct. The history behind some remarkable inventions will be presented. Finally, working in small teams, students will brainstorm to identify something useful to invent and determine several approaches to implementing it.

Type:

Creativity and Innovation

• CI-104 Historic Mentors: Biographies of the Creative and Innovative

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course introduces students to creative and innovative practices as a disciplined approach to problem-solving. Students are presented with diverse individuals and environments, thoughts and actions, challenges and opportunities, approaches and alternatives, successes and failures, and ethical behavior--all within the context of historical biographies of inventors, entrepreneurs, artists, musicians, writers, politicians, leaders- nationally and globally. Mentoring is becoming a lost art form. However, it is crucial for passing down the best of our civilization. This course offers a vicarious mentoring that enables students to critically learn from and assess the experience of others in a vast array of contexts. Thus, students are presented with a cross-section of role models for creative, innovative and ethical success.

Type:

Creativity and Innovation

• CI-106 Failing Successfully**Prerequisites:**

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. Did you know Netscape was the internet browser? What about MySpace, arguably the Facebook of the last decade? What led Apple from being innovative pioneers of the 70's to the verge of extinction in the 80's to the technological giant they are today? Technologies come and go, but what leads to organizations lasting more than 100 years such as IBM, General Electric, etc.? What role does failure play in successful innovation, decision-making, and business viability? In this course, you will learn about innovation that may have been successful and well-executed. You will also learn about innovation that was a viable business opportunity, but poorly executed: one phase of failure. In addition, you will learn about innovation that had no real market viability, but was launched anyway: another phase of failure. Can failure lead to success? If so, how?

Type:

Creativity and Innovation

• CI-H106 Failing Successfully

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. Did you know Netscape was the internet browser? What about MySpace, arguably the Facebook of the last decade? What led Apple from being innovative pioneers of the 70's to the verge of extinction in the 80's to the technological giant they are today? Technologies come and go, but what leads to organizations lasting more than 100 years such as IBM, General Electric, etc.? What role does failure play in successful innovation, decision-making, and business viability? In this course, you will learn about innovation that may have been successful and well-executed. You will also learn about innovation that was a viable business opportunity, but poorly executed: one phase of failure. In addition, you will learn about innovation that had no real market viability, but was launched anyway: another phase of failure. Can failure lead to success? If so, how?

Type:

Creativity and Innovation,Honors

- **CI-107 Going Up: Skyscraper Design in Emerging Economies**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The human population is expected to be between 8.5 and 9 billion persons by the mid-21st century. The majority of those individuals will be living in urban communities. With large populations, high real estate costs, and limited land areas, the only way to construct in urban environments is to go up! In this course, students will have an opportunity to look at traditional and novel skyscraper designs, to consider the cultural and economic significance of such structures, and to use their imagination to develop a conceptual design of a skyscraper.

Type:

Creativity and Innovation

- **CI-108 Designing the Next Best Thing**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Demystifies the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking.

Term:

Offered Both Fall and Spring

Type:

Creativity and Innovation

- **CI-109 Virtual Globe Trekking: an Alternate View of the World**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will examine creativity and innovation through the lens of place. Modern geography is an all-encompassing discipline that seeks to understand the earth and all of its human and natural complexities - not merely where objects are, but how they have changed and come to be. The world is filled with ideas and perspectives. By changing your location, new perspectives emerge. This course will focus on the creative process to understand that each person creates in their own way. The students will test many methods to draw forth creative thought and seek to identify their own best method for calling on their own inner genius. Often this will involve failure and mixed results, yet this is where the students will learn their strengths and weaknesses.

Type:

Creativity and Innovation

• CI-110 The Entrepreneur's Cocktail**Prerequisites:**

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

How do you and your story drive business? This course takes an innovative look at human creativity and entrepreneurship. As an entrepreneur needs perseverance and high motivation, we will explore the importance of values, risk taking, problem solving, and the discovery of the market opportunities. In order for you to be creative and essentially create successful ventures, you will discover the nuances between the three factors and explore them further through interactive discussion and debate as well as collaborative group work. You will be encouraged to think in non-conforming ways and apply new concepts and develop your own personal operating principles.

Type:

Creativity and Innovation

• CI-111 The Future of Boston**Prerequisites:**

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course introduces students to creative and innovative thinking based in the field of communication. Students will work in teams to wrestle with the challenges Boston will face in the future and propose feasible strategies to meet them.

Type:

Creativity and Innovation

• CI-112 Creating Problems: a New Solution for Sustainability

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

As the majority of the world population now lives in cities, for the first time in human history, issues of urban sustainability have become more complex and more important than ever before. Presented with case studies of urban efforts to gain a sustainability foothold, students will utilize ideation, critical thinking, and strategic decision making to both identify root problems and to present solutions. This course will lean heavily on ideation processes, teamwork, and logical methods of analysis to pursue actionable solutions for significant problems. The methods of problem identification and solution analysis learned in this class will be readily adaptable to many complex problems, helping the students to make informed and decisive determinations in their careers.

Type:

Creativity and Innovation

• CI-113 Revising Reality

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Reality and perception have been debated and discussed for millennia. Humans see and experience their world in different ways. How do humans determine what is true and good and what advancements are necessary? In this course, students will creatively explore these big questions and revisit knowledge using new and sometimes divergent perspectives. Students will participate in dirty and courageous learning by crafting products, creating visual projects, and coming into original thought via trial and error. Students will also develop their analytical and critical thinking skills, while learning to communicate effectively and honestly.

Type:

Creativity and Innovation

• CI-114 Creating the Dream Team

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Every successful venture today is based on effective teamwork. Unlike a typical lecture format, Creating the Dream Team is a course that utilizes experiential group learning to provide students with pivotal team-building skills. These essential skills are vital for everyone's future success in the business world. As team players, students are challenged to think creatively. A collaborative problem-solving process is used to analyze real life business situations. Teamwork involves research, data collection and information analysis to develop creative solutions to typical business problems. Teams will utilize multi-media tools to present their innovative ideas. Classmates will provide peer feedback and review. Through iterations, all students will assume roles as project leaders, keynote speakers and collaborators on a series of Team Challenges. Upon successful completion of this course, all students will have formed working dream teams. As reinforcement and final evaluation, Dream Teams are required to create a multi-media Capstone Event as a course performance measure. This capstone presentation will showcase all of their newly acquired dream team-player skills.

Type:

Creativity and Innovation

• CI-115 Poetry Out Loud

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Students will develop a deep understanding of two seminal books of 20th century poetry and other key 20th century poems as they plan and execute small-group, end of semester reading performances. Students will write creative response poems to increase their understanding of the texts, and through cooperative decision making strategize effective ways to present their own poems and poems by

Bishop or Frost. The class format will foster direct spoken engagement with matters of sound, rhythm, tone, and meaning. Final reading aloud performances will be recorded and added to the Suffolk University Poetry Center Archive.

Type:

Creativity and Innovation

• CI-117 Writing for Stage and Screen

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will engage students in the process of script writing. Working in groups of four or five they will craft adaptations of stories, create original scenes, or review sketches. By the end of the semester they will produce a complete script. Each alternating week, one group will serve as the executive committee that will approve the final draft of the script of the week. There will be exams based on the textual study of collaborative and adaptation techniques.

Type:

Creativity and Innovation

• CI-119 Theatre at Work

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Theatre at Work is an introduction to creative practice using live performance as a problem solving tool in an educational environment. Specifically, students will create a performance piece in response to an issue they have uncovered in collaboration with select groups of students in a host Boston Public School. There will be a special focus on normalizing risk-taking and the learning that comes from false starts and failed ideas. Students will be responsible for creating every aspect of their performance

testing its feasibility on a limited budget, ensuring that the content meets established criteria, and successfully implementing and evaluating their success both with their peers and their audience.

Type:

Creativity and Innovation,Local Engagement Experience

• CI-H119 Theatre at Work

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

Theatre at Work is an introduction to creative practice using live performance as a problem solving tool in an educational environment. Specifically, students will create a performance piece in response to an issue they have uncovered in collaboration with select groups of students in a host Boston Public School. There will be a special focus on normalizing risk-taking and the learning that comes from false starts and failed ideas. Students will be responsible for creating every aspect of their performance testing its feasibility on a limited budget, ensuring that the content meets established criteria, and successfully implementing and evaluating their success both with their peers and their audience.

Type:

Creativity and Innovation,Local Engagement Experience,Honors

• CI-121 Catastrophe Management: From 9/11 to the Boston Marathon Bombings

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will introduce students to the exciting world of emergency management from the perspective of scientists who are often utilized as experts during both small scale adverse events and

large scale catastrophes. Students will actively and creatively explore the psychological, economic, and medical dimensions of these events and participate in role play in the classroom and site visits. By the end of the course, students will have a keen appreciation of emergency planning and management on the local and national levels.

Type:

Creativity and Innovation

• CI-123 Comics & Co.

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Using visual narrative as the means of exploration, students will be led through a series of exercises that challenge their assumptions, broaden their perspectives, and excite their imagination. The relationship between critical, creative and inventive thinking will be the basis for individual and collaborative projects.

Type:

Creativity and Innovation

• CI-125 Boston's Creative History in Perspective

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Our collective social consciousness is formed by physical space; through a mixture of exploration, discovery, and making, students will delve into the city that surrounds them, developing a sense of ownership and engagement in Boston's public space. During the course of the semester, students will uncover the ways that art and architecture have shaped the souls of cities around the world, using Boston as a template. In a series of local field trips, students will explore Boston through its art and

architecture, focusing not only what is, but on what might have been -- designs that were ultimately unrealized. Through interview and visits with local artists and designers, students will also learn about the process of shaping public space, uncovering the myriad of ways that design decisions are political in nature. As a capstone to the course, students will create their own city plan -- identifying and researching a chosen social or physical challenge the city faces, then developing a proposal that would address their chosen issue. These design proposals will then be enacted using augmented reality. Like a layer of invisible ink, these projects will form a phantom city over the physical realities that surround us, displaying the dramatic potential of the imagination.

Type:

Creativity and Innovation

• CI-127 Visual Perspectives: Coastline, Symmetries and Illusions

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

How do you measure the length of a coastline? How much symmetry is possible? What is an impossible object? How did the Mayans measure proportions? In this course, students will delve into these and other questions with a visual theme. While some will be clear-cut, others will be open-ended and require some choices, estimates or assumptions to be made. Throughout, the emphasis will be on creative problem solving.

Type:

Creativity and Innovation

• CI-129 Elements of Attraction- Supply and Demand

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The intent of this course is for students to examine and effectively express in writing their ideas on creativity and to inspire undergraduate students to exceed their current levels of learning. Students will learn to meaningfully integrate course content into long term-retained useful skills through applied creative collaborations. This course is based on the idea that exposure and insight development will enable students to better visualize themselves in their desired fields and make informed choices within the variety of options available to them. The focus of the course will help students to assess their personal interests and strengths as they plan for their own educational and professional futures.

Type:

Creativity and Innovation

• CI-131 Off to the Future: Leadership Through Compromise

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Some past political issues were resolved with great success (the Compromise of 1820), and some resulted in great failures (the US Civil War). In this course, students will study noteworthy political dilemmas of the past, identify the major problem solvers and examine the art of compromise. These investigations will provide guidance and inspiration for students to develop innovative and creative solutions to present day political problems such as climate change, immigration, Social Security, income distribution, higher education affordability, and homelessness. Students will work in teams and propose creative and innovative solutions that will convince the affected interest groups favorably, represented by teams of other students in the class, and result in compromises solving tomorrow's problems today.

Type:

Creativity and Innovation

• CI-H133 Franklin and the American Experiment

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

What made Benjamin Franklin such a creative force in American history? We will explore the many facets of Franklin's life (printer, writer, scientist, statesman) and learn about Benjamin Franklin's political and diplomatic ventures, and will recreate some of his scientific experiments.

Type:

Creativity and Innovation,Honors

- **CI-135 The Design of Everything**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will explore a selection of the genius personalities and their creative work in 5 distinct areas of human creative endeavor; art, science, nature, technology and the built environment. The course explores the underlying similarities in the process of their discovery, invention and creativity across the disciplines. Studying such names as Newton, Warhol, Hawking, Jobs, Gaudi and Banksy, students will uncover the process of design through research, analysis, synthesis, iteration and error. In class group projects will allow a hands-on opportunity to create.

Type:

Creativity and Innovation

- **CI-137 Re-write for Rights: Drafting a New US Constitution**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The American Constitution is an important document, framing the basis for our lives and the lives of our neighbors. Yet it is also a very old document, which may be seen as lacking when it is compared to newer constitutions from around the world, even places that we may regard as undeveloped. In this class we will study many constitutions and also talk to many people to craft a new constitution that reflects contemporary American society and its values.

Type:

Creativity and Innovation

• CI-H139 Creating, Promoting, and Participating in the Literary Arts

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. CAS and SBS honors students or GPA of 3.5 or above only.

Credits:

3.00

Description:

With the launch of Boston's new Literary Cultural District, we have renewed cause to celebrate the history and industry of literature in our city. This course will immerse students in the world of literary culture and its many branches: writing, editing, reviewing, and publicity. Students will practice the art of creative writing, and learn how writers find publishing venues, how authors build platforms for their work, and how literature reaches the public through readings, social media, book trailers and other marketing campaigns, authors interviews, and reader reviews. Various industry professionals, authors, editors and publicists will speak to the class about the artistic and business opportunities, trends, and futures of literature and literary publishing. Students will apply their knowledge and interests to a variety of projects, including book reviews, author interviews, social media campaigns, literary events, and other collaborative projects. We will also work as a class to launch a new digital literary journal at Suffolk.

Type:

Creativity and Innovation, Honors

• CI-141 Science = Creativity

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is focusing on the creative process by introducing students to creative practice as a disciplined approach to problem solving and innovation requiring research, persistence and grit. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original ways, embrace ambiguity and support divergent thinking and risk taking. The course will have an undertone based on science, but it is suitable for non-science majors too!

Type:

Creativity and Innovation

• CI-143 Dreams, Demons, and Dynamic Artists Creative Nature**Prerequisites:**

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

What motivates your creative nature? This course will explore converging themes in Art and Psychology in order to give students the tools they need to unblock their creative potential. Collaborative small team activities, assigned readings, large group discussions, and personal reflection exercises will provide an avenue for students to explore their own creative patterns and how they are influenced by, and perceived within, the world around them. Dreams, mental illness and psychosocial theories of self will also be widely discussed in order to give students context for this inter/intrapersonal exploration.

Type:

Creativity and Innovation

• CI-145 Living and Laughing**Prerequisites:**

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This is a course about laughing and living. While it sounds fun, it can also be complex, confusing, complicated, and convoluted. Laughter and humor are also very personal. The things that make you laugh are rooted in family, culture, and personality. We are going to spend the semester getting to know ourselves and each other in an attempt to understand more about why we enjoy what we enjoy.

Type:

Creativity and Innovation

- **CI-147 Seeing Double, Printmaking, the Art of Discovery, Experimentation and Process**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Always wanted to explore a creative side but never had the opportunity to take an art class? Here's your chance! Sync the power of icons/ images with ideas and making. We will use cellphone and printmaking technologies in a workshop style environment. Rather than a lecture based class, this class we will play, learn and build new Neurological pathways towards creative thinking. Come to every class excited to learn, make and discover. This course will give you the building blocks for innovative thinking beyond the classroom. Power is in the image. As in the way a dream can grip you, images carry incredible amount of influence and creative potential, when they are seen. Glimpses of these images circulate in media, movies, cell phones, and so on. Learn to develop your own images and understand the broad world of images of human culture.

Type:

Creativity and Innovation

- **CI-149 SL-Creative Writing and Literacy**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

In this course, students meet community needs by engaging in service-learning outside the classroom. This course will explore the value of creativity and play in developing reading and writing skills and the habits of lifelong learning, both in our own lives and in the lives of young people in Boston. In this course, we will work closely with the non-profit literacy organization 826 Boston, which works with students ages 6-18 on reading and writing skills through playful, creative workshops, as well as tutoring and other kinds of support. Students will learn about the work of 826 Boston by volunteering with the organization, and by the end of the semester you will conceive, plan, and run creative writing workshops of your own at 826 Boston.

Type:

Creativity and Innovation,Service Learning

• CI-H149 SL-Creative Writing and Literacy

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. This course will explore the value of creativity and play in developing reading and writing skills and the habits of lifelong learning, both in our own lives and in the lives of young people in Boston. In this course, we will work closely with the non-profit literacy organization 826 Boston, which works with students ages 6-18 on reading and writing skills through playful, creative workshops, as well as tutoring and other kinds of support. Students will learn about the work of 826 Boston by volunteering with the organization, and by the end of the semester you will conceive, plan, and run creative writing workshops of your own at 826 Boston.

Type:

Creativity and Innovation,Honors,Service Learning

• CI-151 Finding Your Creative Voice

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Schools and workplaces are becoming increasingly demanding and competitive, relying on unique ideas to continue innovation. Where do fresh ideas come from? This class will provide students with the tools they need to find creativity within themselves, and set them apart in the competitive arena. Students will explore who they really are at their core, identify their innermost thoughts and feelings, and uncover their creative identity while having fun! They will also learn to communicate, or share their creative voice clearly and honestly.

Type:

Creativity and Innovation

- **CI-153 Branding and Visual Identity**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

A brand may be a product, service, an organization, or a person, and at the core of every brand is a visual identity. A brand's visual identity is its strategically planned and purposeful presentation of itself. It is manifest in the brand's name, logo, tagline (slogan), color palette and other sensory elements (visual, aural, olfactory and tactile) that identity that brand and make it unique. This course will focus on analyzing the success and failure of brand's visual identities as a way of teaching students how to brainstorm and develop a new visual identity from concept through execution. The focus in this course will be on applying creative thinking to create a cohesive and meaningful visual identity.

Type:

Creativity and Innovation

- **CI-155 Improvising for Everyone, Everywhere**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Improv Comedy has become the cornerstone training of movies and television for the past 20 years. More recently, Corporate America has begun to recognize the importance of the skills improv teaches - agreement, listening, moving forward as a group and out-of-the-box thinking. This course immerses students in improv theatre exercises to apply not for performance, but to shed light on how to collaborate with others. Students will be required to actively participate in exercises in class, experiencing the benefits and takeaways first-hand. Students will be able to connect these exercises with the theories of creativity presented in text books and use both to create a final presentation piece. By the end of the semester, students will understand how to recognize and foster creative thinking to solve problems leveraging the power of a group. Students will gain confidence with presenting new ideas and responding to other student's ideas, understanding how to create and maintain relationships as part of an ensemble that encourages and values ideas.

Type:

Creativity and Innovation

• CI-157 Mindful Journal**Prerequisites:**

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

To keep a journal is to make an investment, often long before we understand the value. A journal is a personal database of snapshots in time, good ideas and bad, observational doodles and unfiltered emotions. On any given page a journal may appear inconsequential but within the rigor of filling a whole notebook (and another, and another) an individual viewpoint emerges. This class will facilitate a student's ability to draw from his or her own lived experience and discover unique springboards into universal issues by making mindful connections. An entire lifetime of images, stories and details resides within each of our minds but the ability to explore that richness requires dedication to documentation. Mindful Journal is a process class fostering focus through mindfulness practices, content generation and meaning making.

Type:

Creativity and Innovation

• CI-159 Building a Better T

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

If any set of problems could use creative and innovative thinking, it's the myriad of problems facing the T. The Boston Globe is filled with stories about financial and organizational problems in the system, and you only have to spend a few minutes on the green line to feel the effects of those issues. Still, millions depend on it every day - it is the circulatory system of our city, and it is more than a way to get around: the T increases accessibility and functions as a democratizing force. That is, when it's running. In this class we will study the MBTA and other mass transit systems in order to propose creative solutions to the T's most pressing problems. We will read articles about the T and other transit systems, we will look at interactive maps that express different kinds of data, and we will visit local stations. In addition, we will study the process of creative thinking, in order to apply those skills to the issues at hand. You will be asked to create both stand-alone short writing assignments and visual representations of your ideas, accompanied by short, written explanations, both alone and in group projects.

Type:

Creativity and Innovation

• CI-161 Making History: Public Memory in the Digital Age

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

You live in Boston now. At least for a while. Perhaps you've noticed that it has its own ways of remembering things. Consider The Boston Literary District, The Freedom Trail, and all the many events and festivals devoted to history, culture, and identity. From guided tours and colonial cosplay to images and written texts to monuments, memorials, and museums, this city tells stories about itself today in the ways it tells stories about its past. In this class, you're going to tell more stories about Boston. You're going to help it find other things to remember, and other ways of remembering them. You'll likely need to focus on parts of the real events that Boston doesn't prefer to include in its stories,

emphasizing issues of race, socioeconomic class, nationality, colonialism, gender, sexuality, and other stories of unequal power and how that manifests in real people's lives and in the culture of this city.

Type:

Creativity and Innovation

• CI-H161 Making History: Public Memory in the Digital Age

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

You live in Boston now. At least for a while. Perhaps you've noticed that it has its own ways of remembering things. Consider The Boston Literary District, The Freedom Trail, and all the many events and festivals devoted to history, culture, and identity. From guided tours and colonial cosplay to images and written texts to monuments, memorials, and museums, this city tells stories about itself today in the ways it tells stories about its past. In this class, you're going to tell more stories about Boston. You're going to help it find other things to remember, and other ways of remembering them. You'll likely need to focus on parts of the real events that Boston doesn't prefer to include in its stories, emphasizing issues of race, socioeconomic class, nationality, colonialism, gender, sexuality, and other stories of unequal power and how that manifests in real people's lives and in the culture of this city.

Type:

Creativity and Innovation, Honors

• CI-163 A Course on Skepticism and Rationality

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Magician James The Amazing Randi reminds us that No matter how smart or how well educated you are, you can be deceived. In an age fraught with deception and misinformation, students need tactics and strategies in order to separate truth from falsity. This course encourages its participants to act as skeptics - not cynics, necessarily - by requiring evidence and proof before believing or accepting claims. Students are urged to identify the most-likely-to occur opportunities for deception in their major fields and draw from the tenets of classical rhetoric, logic, and the scientific method in order to develop safeguards. Frequent collaboration with classmates will allow for dynamic solutions to small and large-scale contemporary problems ranging from the personal (e.g. used car prices and avoiding fraud) to the universal(e.g. fake news and God).

Type:

Creativity and Innovation

• CI-165 Becoming a Zig-Zag Master

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

We will be discovering the process of becoming more creative. The emphasis is on understanding the creative process and applying effective team-working strategies towards a shared goal. Each team will choose a project and develop it during the semester with the goal of improving a product, raising awareness about an issue in a creative way, designing a board game, designing a card game, etc. Inspiration will be drawn from the numerous successful innovators in the Boston area.

Type:

Creativity and Innovation

• CI-167 Public Health: A Need to Think Outside The Box

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course seeks to make you an innovative public health thinker by examining past campaigns and making the necessary frameshifts to help promote, protect and preserve health of the Suffolk community through the innovative thinking process. Public health activists and designers can have a positive impact on the lives of citizens living in small communities. However, the agreed rules and regulations that make up this policy landscape are created by paradigms which can be constricting. The issues the course addresses will include Suffolk's current plans for reducing carbon emission, behavioral determinants such as alcohol consumption among college students, and improving eating habits on campus. The final project will be peer reviewed and presented to the class. Programs may then be forwarded to university departments for possible integration and implementation.

Type:

Creativity and Innovation

• **CI-204 Prague: Castles to Barbwire**

Prerequisites:

At least 24 credits earned.

Credits:

3.00

Description:

Prague offers students a more recent view into history and will serve as a backdrop to learning Design Thinking. The curriculum will use Czech and Central European cultural features as the inspiration for learning the creative process, skills that can be applied broadly and globally across disciplines. WWII and its fall to Communism left the Czech Republic undamaged. Artists played a vital part in the country's rise to a Republic during the Velvet Revolution. These dissidents, including writers, actors, artists and musicians were innovators who were the catalyst for change. One could say that creative minds changed this country. This course is designed to demystify the creative process by introducing the creative practice as a disciplined approach to problem solving and innovation requiring research. This one-month study abroad experience will offer a more worldly insight to the significance of developing skills where divergent thinking and risk taking are one of many key tools in learning to generate new ideas. Travel fee covers accommodations, transfers, some meals and cultural visits. Airfare and tuition not included.

Type:

Creativity and Innovation, Global Engagement Experience

Note: Students with 30+ transfer credits are exempt from this requirement.

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

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Bachelor of Arts

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BA degree programs require the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Math: 1 course, 4 credits

Choose one Math course from those listed below:

- **MATH-128 Math for the Modern World**

Prerequisites:

MATH level 2, or Mathshop, or MATH-104

Credits:

4.00

Description:

From the ISBN on a book, to buying a car, from the size of small chips in a cell phone, to the size of the national debt, or just reading a graph in the daily newspaper, mathematics plays an important and vital role in countless areas of life and your future career and courses included. Mathematics is both an art and a tool created by humans. The common bond is a way of thinking and a way of reasoning to describe and solve problems of many types. This course uses the context of modern real life problems to introduce math needed for literacy and problem solving in contemporary life and work. It uses a minimal amount of algebra and focuses on math models, concepts and basic math manipulations. It encourages students to move from anxiety about math, to using formulas well, to thinking critically in the math context to use math to solve problems and pose new problems. Topics include scientific notation, basic financial math, linear, exponential and polynomial models and an introduction to probability. (Formerly Math 132)

• MATH-130 Topics in Finite Mathematics**Prerequisites:**

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

• MATH-132 Math-Art, Tool and Human Side**Prerequisites:**

MATH-000 or appropriate Math Placement Exam score. Course does not fulfill math requirement for SBS majors.

Credits:

4.00

Description:

Mathematics is both an art and a tool. It has been used in many ways in contemporary and ancient society. The common bond is a way of thinking and a way of using reason to solve problems and

describe things of all sorts. The course is designed to cultivate an appreciation of the significance of mathematics in daily life and develop students' mathematical reasoning. Topics will vary from section to section. Examples of topics that might be included are: the real meaning of a newspaper graph, methods to tally votes, fair division, routes and networks, consumer mathematics, the 'real' cost of a house, shapes and patterns, fractals, soap film surfaces, prime numbers and encryption, new discoveries in mathematics.

• MATH-134 Calculus for Management & Social Sciences

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

• MATH-164 Calculus 1 Bridge With Trigonometry

Prerequisites:

Permission of Instructor

Credits:

4.00

Description:

This course provides an alternative to MATH 165 (Calculus I) for those students who have taken MATH 134 (Calculus for Management and Social Sciences) but who do not have the trigonometric precalculus prerequisite (such as MATH 121) for MATH 165. In other words, the sequence MATH 134 / MATH 164 serves as an alternative to the sequence MATH 121 / MATH 165, and similarly prepares students to take MATH 166 (Calculus II). The course includes a thorough review of trigonometry and other precalculus topics. Aspects of limits and differentiation which students have already seen in MATH 134 are presented briefly, but in most cases with more emphasis on conceptual understanding,

and often illustrated using more complicated examples. New calculus topics (i.e. not covered in MATH 134) include one-sided limits, special trigonometric limits, differentiability, derivatives of trigonometric functions and their inverses, derivatives of general inverse functions, logarithmic and implicit differentiation, related rates, L'Hopital's rule, intermediate values theorem, Rolle's theorem, mean values theorem, Newton's method, and linearization. 4 lecture hours plus 1 recitation session each week. Normally offered in spring.

• MATH-165 Calculus I

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-166 Calculus II

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

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Bachelor of Arts

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BA degree programs require the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Social, Cultural, & Global Perspectives: 1 course, 3-4 credits

Choose one SCGP course from those listed below:

- ADPR-217 Gay and Lesbian Studies

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social, and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions, and social movements.

Term:

Alternates Fall & Spring

- **ADPR-219 Rhetoric of Protest and Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **ARH-205 Gender, Class and Alterity in Ancient And Medieval Art**

Credits:

4.00

Description:

Explores issues of sexuality, gender, race, and social class in the ancient and medieval worlds. Examines key artworks from ancient Greece, the Roman Empire and medieval Europe within historical, social and cultural contexts.

- **ARH-321 Women, Art & Society**

Credits:

4.00

Description:

Surveys women artists from the sixteenth century to the present and examines new direction in art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

- **AS-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Both Fall and Spring

Type:

Asian Studies, Social & Intellectual HST

- **AS-500 Asian Studies Internship**

Credits:

4.00

Description:

Engages in an internship in a business or non-profit organization that deals with Asia or an Asian American community. Students may complete the internship either in Asia or in the U.S. Students will complete appropriate exercises and reports to document their learning. (1 course, 4-12 credits; can be taken multiple times in different semesters)

Term:

Offered Both Fall and Spring

Type:

Global Engagement Experience

- **BLE-325 Global Business Ethics**

Prerequisites:

BLE-215, PHIL-119, PHIL-120, PHIL-123 or PHIL-127

Credits:

3.00

Description:

Surveys business ethics as they transcend the diverse perspectives of global business. Explores current global ethics standards and values, ethical challenges, controversies, convergence and trends. Students explore famous global business cases through films, websites and independent research. Emphasizes identification and resolution of global business ethical issues within the context of ethical decision-making and sustainability. Analyzes corporate social responsibility ; hence, transforming global business ethics through business.

Type:

Global Engagement Experience

- **BLKST-250 Haiti, Guadelupe and Martinique**

Credits:

4.00

Description:

This course explores the rich intellectual tradition of Haiti, Guadeloupe, and Martinique by considering historical moments linked to colonialism, the abolition of slavery, the representation of gender, departmentalization, and decolonization through essays, films, poems, novels, and short stories by critics and writers from the 19th-21st centuries.

- **CI-204 Prague: Castles to Barbwire**

Prerequisites:

At least 24 credits earned.

Credits:

3.00

Description:

Prague offers students a more recent view into history and will serve as a backdrop to learning Design Thinking. The curriculum will use Czech and Central European cultural features as the inspiration for learning the creative process, skills that can be applied broadly and globally across disciplines. WWII and its fall to Communism left the Czech Republic undamaged. Artists played a vital part in the country's rise to a Republic during the Velvet Revolution. These dissidents, including writers, actors, artists and musicians were innovators who were the catalyst for change. One could say that creative minds changed this country. This course is designed to demystify the creative process by introducing

the creative practice as a disciplined approach to problem solving and innovation requiring research. This one-month study abroad experience will offer a more worldly insight to the significance of developing skills where divergent thinking and risk taking are one of many key tools in learning to generate new ideas. Travel fee covers accommodations, transfers, some meals and cultural visits. Airfare and tuition not included.

Type:

Creativity and Innovation, Global Engagement Experience

- **CJN-216 Intercultural Communication**

Credits:

4.00

Description:

An examination of communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures.

Term:

Offered Both Fall and Spring

- **CJN-225 World Cinema**

Credits:

4.00

Description:

An introductory course in film studies with a focus on foreign films. Movies studied include masterpieces of cinema from Europe, Asia, the Middle East, and other nations (Films have subtitles).

Term:

Alternates Fall & Spring

- **CJN-281 Asian Popular Culture**

Credits:

4.00

Description:

Students critically analyze Asian popular culture since the 1980s using a cultural ethnographic approach. Students apply the lenses of gender, identity, globalization, and business strategies to examine pop phenomena such as Korean Wave, Cool Japan, and Cantonese popular music.

Term:

Occasional

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

By examining the film texts of Hong Kong auteurs such as John Woo, Wong Kar-wai, Tsui Hark, Andrew Lau, and Alan Mak, the course examines issues such as film genres, colonization/decolonization, transnational political economy, the Greater Chinese media market, and the diaspora.

Term:

Occasional

- **CJN-301 Documentary Film and the Image of Conflict in the Middle East**

Credits:

4.00

Description:

The course focus is on some of the divisions and conflicts within Israeli society. Students analyze and compare mainstream media discourse to alternative representations in documentary film. Analysis also covers media representation of the Israeli-Palestinian conflict.

Term:

Occasional

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

A critique of the circulation of media goods and ideologies from both a cultural and political/economic perspective. Topics include global Hollywood, the images of Muslim women in transnational media, the information society, and global social movements.

Term:

Offered Spring Term

• EC-141 Development Economics**Credits:**

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Asian Studies

• EC-151 Economic & Human Geography**Credits:**

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's *Odyssey*, Sophocles' *Oedipus*, Virgil's *Aeneid*, selections from the Hebrew Bible and the Gospels, and Dante's *Divine Comedy*. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **ENG-124 Great Books of the World II**

Credits:

4.00

Description:

This course will introduce students to a selection of Great Books from around the world from the 17th century to the 21st, such as Don Quixote (Spain), Madame Bovary (France), The Communist Manifesto (Germany), The Origin of Species (England), War and Peace (Russia), On Dreams (Austria), Night (Hungary), Things Fall Apart (Nigeria), Satyagraha (India), I Am Prepared to Die (South Africa), Saeed the Pessoptomist (Israel), The Rouge of the North (China), and The House of Spirits (Chile). Readings may vary at the discretion of the instructor.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **ENG-135 World Literature in English**

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

• ENG-362 Asian American Literature**Prerequisites:**

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

Asian Studies

• FR-202 Intermediate French II**Prerequisites:**

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continues to review grammar, practice speaking, and explore authentic cultural and literary texts in this writing-intensive course. Examines short readings, films, and print media.

Term:

Offered Spring Term

Type:

Modern Language

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

Explores the francophone world through the study of short stories, print media, and film, by engaging with the rich textured and diverse francophone literary canon. Teaches advance notions of French grammar, write compositions, and the art of conversation related to cultural themes.

Term:

Alternates Fall & Spring

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

Masterpieces of French and Francophone Literature in English Translation. Studies works translated into English by major authors from the Middle Ages to the present. Explores drama, fiction, and poetry from many regions of the world: Africa, Western Europe, North America, the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Studies in Literature

- **GVT-208 Politics / Religion**

Credits:

4.00

Description:

This course explores what major religions say about the status and responsibilities of the state and how, in turn, selective states have, in theory and practice, structured the place of religions in political life. Particular attention is given to issues of politics and religion in the United States. Cultural Diversity A

- **GVT-115 Evolution of the Global System**

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

Type:

Human Behavior & Societies

- **GVT-281 Intro to Comparative Politics**

Prerequisites:

GVT 110, GVT 115, and GVT 120 or consent of instructor; Sophomore status or higher

Credits:

4.00

Description:

This course examines various methods of comparing political systems. Institutions such as executive departments, legislatures, court systems and local governmental systems are examined comparatively. It includes analysis of the impact of different economic systems on political/governmental institutions, and on economic circumstances that impact government. It also looks at political socialization both in terms of process and comparative content. An effort is made to include countries from all regions of the world. Normally offered every year.

• GVT-359 Hockey, International Development & Politics**Credits:**

4.00

Description:

This class examines the way in which national identity, global and regional economics and international development intersect. It uses the professionalization of the sport of hockey and its subsequent spread around the globe as its case. It will look at the rise of the pro game, the way in which it shapes national identity in the Canadian case, the way in which the pro business model has changed in response to broad socio-economic changes in North America and geo-political shifts around the globe, especially in Eastern Europe and the Former Soviet Union.

• GVT-360 Elections and Voting**Credits:**

4.00

Description:

How are elections administered in the United States? Do Americans have confidence in the electoral process? Should they? Why or why not? This course will examine elections in the United States in detail -- from how they are funded to how they are administered to how voters behave. Students will have a choice of either serving as poll workers during the November election or organizing and conducting research of potential voters. Students will gain hands-on experience in actual research design, election administration, and non-partisan get-out-the-vote activities. In addition, students will gain a deeper understanding of the relationship between attitudes, opinion, and voting behavior in American politics and institutions. ECR

• GVT-391 Canada: Multicultural Politics**Prerequisites:**

GVT 110/120 or Instructor's permission

Credits:

4.00

Description:

This course examines the Canadian model of incorporating diverse communities into its constitutional and political framework, including the founding British North American Act of 1867, the 1982 Constitution Act, and two later attempts at constitutional reform. Canada's role in balancing two official languages, English and French, is discussed, as is its recognition of a First Nations native-governed territory in the Arctic. This course introduces students to the Canadian polity and compares its parliamentary system with the U.S. separation of powers system. Prerequisites: GVT 110, GVT 120 or instructor's consent. Normally offered alternate years. Cultural Diversity B

• GVT-467 Comparative Social Movements

Prerequisites:

Junior status

Credits:

4.00

Description:

How do we explain the appearance or absence of social movements? What social or individual factors explain their development and decline? Who joins social movements? Who does not? Why? What ideas or ideals animate those who do participate? What is it like to be part of a social movement? What effect do they or have they had on politics, power and efforts at social change? These are some of the questions that have traditionally shaped debates over social movements, both domestically and internationally. They will form the analytical core of the work in this course. By critically evaluating several competing schools of thought in social movement theory and history we will attempt to highlight the social forces that have, at varying points in times, facilitated, maintained, as well as blocked the development of social movements in the US and beyond.

• HST-100 Introduction to Asian Studies: Culture, People, Ideas

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, the Asian experience in America, and the role of Asia

in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Fall Term

- **HST-246 History of Modern Iran**

Credits:

4.00

Description:

Examines the contemporary history of Persia (Iran) from the time of its independence in the beginning of the sixteenth century to the present with special concentration on geographical/historical background; social structure, ethnic, religious, and linguistic diversities; Safavid and Qajar dynasties; Anglo-Russian interventions and occupations; constitutional revolution and reform; centralization, secularization and modernization under Pahlavi dynasty; opposition to westernization and Islamic revolution.

- **HST-247 History of Modern Middle East**

Credits:

4.00

Description:

Explores the broad historical forces, conflicts and major events that have shaped the contemporary nations of the modern Middle East. Topic include: the emergence of the modern Middle East from the empires of the sixteenth and seventeenth centuries; the age of colonialism; the rise of nationalism; socialism, capitalism; the impact of Israeli and Palestinian conflict on the region; oil, the Islamic Revolution in Iran and the rise of Islamic fundamentalist movements; U.S. policy; and Saddam Hussein's Iraq.

Term:

Offered Fall Term

- **HST-251 Modern East Asia**

Credits:

4.00

Description:

China, Japan, and Korea - East Asia's critical players - share many historical influences, but each has a distinct culture, and they competed with each other for much of the twentieth century, proud of their achievements but feeling threatened by their neighbors. Lectures interspersed with movies and documentaries to show how East Asia has developed in the past one-hundred-plus years.

Type:

Social & Intellectual HST

• HST-263 Comparative Race Relations

Credits:

4.00

Description:

Compares and analyzes the history of race and politics in South Africa and the United States from the 17th century to the present. Examines how race as a social and ideological construct influenced and informed political conflicts over land, labor, and social relations in the two countries including slavery, segregation, apartheid, and the struggle to create racial democracies.

Term:

Offered Fall Term

• HST-268 History of the Mediterranean

Credits:

4.00

Description:

Explores the history of the Mediterranean from the ancient times to the 20th century, with emphasis on the extraordinary interaction between the rich cultural, ethnic and religious backgrounds of the peoples of Europe, Middle East, and North Africa.

Term:

Occasional

Type:

Social & Intellectual HST

• HST-274 Women in 19TH-CENTURY Europe

Credits:

4.00

Description:

Explores the condition of European women from 1800 to 1914. Readings focus primarily on women's experiences in France and Great Britain. Topics include: the effects of industrialization on the lives of working-class women; working and middle-class women's negotiation of marriage, work, and family life; the rise of feminism, women's greater participation in the public sphere, and conservative reaction to these changes in women's place in society; women and crime; Victorian ideas about female sexuality; the politics of class and gender in nineteenth-century European society.

Term:

Occasional

- **HST-275 Women in 20TH-CENTURY Europe**

Credits:

4.00

Description:

Examines the changing place of women in European society since 1900. Topics include: women's suffrage and the political advances of the 1920s and 1930s; the revolution in sexual mores, birth control, and the rise of companionate marriage; women and the consumer economy; the anti-woman policies of Fascist Italy and Germany under National Socialism; liberation of women and retrenchment in the Soviet Union; World War II; feminism, sexual liberation, and women's political engagement since the 1960s; and, throughout the twentieth century, women's continuing negotiation of work and family responsibilities.

Term:

Occasional

- **HST-321 History of Islam**

Credits:

4.00

Description:

Presents a coherent account of the origin and history of Islam since its foundation in Arabia in the seventh century A.D. to the present. Analyzes the terms, events, characteristics, developments, movements, and institutions that have been part of the shaping of Islam. Ideological challenges and impact of Islam in the world today from both spiritual and political perspectives are examined.

Term:

Occasional

- **HST-371 U.S. Women's History Colonial to 1865**

Credits:

4.00

Description:

Traces the roles, images and experiences of women in America from colonial times to 1865. Topics include the family, work, religion, education, health care, motherhood, sexuality, social and political activism legal status, labor activism and popular culture. With attention to ethnicity, race, class, age, region of residence, disability and sexual orientation, the course focuses primarily on the everyday lives of ordinary women.

Term:

Offered Fall Term

- **HST-372 U.S. Women's History: 1865-present**

Credits:

4.00

Description:

Examines the social and cultural history of women in the United States from the close of the Civil War to the present. Using not only gender but also race, ethnicity, class, age, disability, region of residence, and sexual orientation as important categories of analysis, this course focuses on women's private and public lives. Topics include the family, work, religion, education, health care, private lives, motherhood, sexuality, social and political activism, legal status, labor activism, and popular culture.

Term:

Offered Spring Term

- **HST-484 History of the Emotions**

Credits:

4.00

Description:

Explores ideas about emotional life from the fields of history, anthropology, sociology, and psychology as well as the evolution of emotion rules and prescriptions, focusing on western Europe and the United States since 1700. In the eighteenth century, emotions were seen as a positive influence on politics and public life, especially during the French Revolution. After the fall of Robespierre, the emotions were banished to the private sphere - so we will read both primary sources and recent scholarship on 19th- and 20th- century ideas about masculinity and femininity, romantic love and marriage, childrearing, and about what parents and children are supposed feel toward each other, how ideas about these subjects have changed over time, and whether our feelings change with them.

Term:

Occasional

• MUH-223 World Music

Credits:

4.00

Description:

Covers topics in folk, traditional, and modern music of Africa, the Middle East, Asia, and Europe in the context of the cultures and lives of the indigenous peoples of those regions; examines how music interacts with the issues of race, gender, class, religion, politics, and social movements. Normally offered every other year.

Term:

Occasional

• P.AD-201 Social Change

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

• P.AD-H201 Honors Social Change

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

Type:

Honors

• PHIL-120 Ethics and Civic Life**Credits:**

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

• PHIL-228 Feminist Philosophy**Credits:**

4.00

Description:

This course is an introduction to the philosophy of feminist thought. Feminist theories of epistemology, metaphysics and morality will be examined as critiques of traditional philosophy. Feminist perspectives and methodologies include radical, liberal, postmodern, as well as more recent trends in ecofeminism. Special emphasis will be placed on explicit and implicit practices of alienation and exclusion as they have unfolded in the gendering of thought, truth, and reality. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

• PHIL-229 Eco-Feminism**Prerequisites:**

PHIL 119, or PHIL 123, or PHIL 127

Credits:

4.00

Description:

Examines the political, social, and ecological problems facing us as a global community. Having its roots in feminist theory and deep-ecology, eco-feminism provides a critical framework for ecological responsibility and accountability. Writings from eco-feminist thinkers and environmental activists around the world will be used to highlight the philosophical and political conflicts and challenges, including globalization and loss of biodiversity, global warming, international human rights, the relationship of gender and nature, and modes of redress for eco-justice and sustainable development.

• PHIL-261 Eastern Philosophy**Credits:**

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Asian Studies

• PHIL-262 Buddhism**Credits:**

4.00

Description:

An historical survey of Buddhist philosophy. We will explore Buddhist origins, central teachings, devotional and meditational practices, ritual and institutions as developed from classical to modern times. Special attention given to the philosophical diversity of the Buddhist world view. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-265 Women in Spirituality**

Credits:

4.00

Description:

An exploration into the various dimensions and ideologies concerning the role of the feminine in relation to the Divine. Belief systems, myths and archetypes from ancient Goddess worship to 20th century feminist theology will be examined in terms of the philosophical content and psychological consequences. Special emphasis will be placed on feminist metaphysical structures for understanding consciousness and Reality. Classes will be conducted by means of lectures, primary and secondary texts and class discussions. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **PHIL-267 Chinese Philosophy**

Credits:

4.00

Description:

A survey of the main developments in Chinese Philosophy. The course begins with the early dynastic concept of humanism and then turns to Confucius and Mencius. Having developed the central Confucian doctrines, students next examine the Taoist response to Confucianism in the writings of Lao Tzu and Chuang Tzu. The course then considers Zen Buddhism, which is called Ch'an Buddhism in China, where it originated. In particular, students study the concept of sudden enlightenment before turning to the Neo-Confucian scholars.

Term:

Occasional

- **PSYCH-243 Organizational Psychology**

Prerequisites:

Take PSYCH-114;

Credits:

4.00

Description:

Focuses on diversity concerns in various aspects of the psychology of the workforce. This includes job analysis, recruitment, selection, evaluation, training, retention, and termination. Employee morale, well-being, stress, and hardiness are considered.

- **PSYCH-247 Asian Perspectives on Health and Work**

Credits:

4.00

Description:

Examines theoretical and empirical approaches that provide insight into Asian viewpoints on socialization practices, family systems, health/well-being, cultural traditions/values, and spiritual philosophy/literature. Explores the diversity among Asian cultures in terms of language, history, religion/spiritual faith, and healthcare practices, all of which play a significant role in shaping the psychological characteristics, interpersonal relationships, and work dynamics of Asians and Asian immigrants. Students critically analyze similarities and differences between Asian and Western psychological perspectives of health and work through didactic and experiential learning components. This course fulfills the Cultural Diversity Requirement and may fulfill the Expanded Classroom Requirement. Normally offered alternate years.

Term:

Offered Spring Term

Type:

Asian Studies

- **RS-111 Introduction to World Religions: Western Traditions**

Credits:

4.00

Description:

This course will explore the comparative history and structure of Western religious traditions, broadly understood, and their impact on other world religions, while attempting to recognize the similarities and the differences among them. Traditions to be studied include Greek and Roman religion, the

monotheistic faiths (Judaism, Christianity, and Islam, as well as Zoroastrianism, Sikhism and Bahaiism). We will also explore the impact of the Western religions on indigenous traditions, such as African religion, Native American religion, and Pacific Island religion. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. 1 term - 4 credits. Normally offered every year.

• RS-112 Introduction to World Religions: Eastern Traditions

Credits:

4.00

Description:

This course will examine a variety of Eastern religions, including Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shintoism. Possible connections to be explored will be the impact of these traditions on others, such as Pacific Islands and African religion, as well as the growing place of Eastern religion in the West. This course will explore the history and structure of each tradition, while attempting to recognize the similarities and the differences among them. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. Normally offered every year. Cultural Diversity B

Type:

Asian Studies

• SIB-550 Global Travel Seminar

Prerequisites:

Please email Hillary Sabbagh at hsabbagh@suffolk.edu to register for a travel seminar.

Credits:

3.00

Description:

An in-depth analysis of timely special issues in international business. Specific topics are announced when the course is scheduled.

Type:

Global Engagement Experience

• SF-190 Asia in America Fiction and Fact

Credits:

4.00

Description:

With a focus on some selected ethnic groups from Asia, Asia in America studies the history and current status of Asian Americans in Boston and other parts of the country. We will examine the major reasons why these immigrants chose to leave their home country as well as their expectations and experiences here in America. We will also discuss the issues Asian immigrants have faced in this adopted home as well as the connections and conflicts among different ethnic groups or even within the same ethnic group due to political and socio-economic reasons. The course will include some level of community engagement, through Chinatown tour and service, which may enable us to have a direct contact with the Asian American population and reflect on what is being discussed in class. Through this course, we hope to gain a better understanding of the racial and cultural history of the country and arrive at a deep appreciation of the dynamics of cultural interactions in the twenty-first century. The course fulfills the SCGP requirement.

Type:

Global Engagement Experience

- **SF-1145 Emergence of Southeast Asia**

Credits:

4.00

Description:

Explores the eleven countries and 600 million people of Southeast Asia starting with foundations- geography and environment- and then looking at the human imprint, in the form of the history, religions, and cultures of the region. An examination of contemporary issues related to demography, politics, and (especially) economics.

- **SOC-227 Race in American Society**

Credits:

4.00

Description:

Despite the election of Barack Obama as President of the United States, race remains one of the most divisive forces in U.S. society. While many of us struggle against racism, racial classification continues to affect where we live, where we work, and how we see ourselves. Racial classification affects our access to health care and our encounters with police officers. Distorted images of racial groups fill television and movie screens. Appeals to racism and fear of foreigners are dominant themes in elections to state and national offices. This course examines the formation and re-formation of racial

classifications: how particular groups become racially identified, how these classifications change over time, and how conflicts over race have shaped American society. The meanings of race, as seen from a variety of perspectives, will be a consistent theme throughout the course.

Term:

Occasional

- **SOC-228 Cultural, Global and Social Perspectives**

Credits:

4.00

Description:

Enables students to examine, as well as develop an awareness and appreciation of, diversity within today's society. Providing an overview of the major racial, ethnic, and cultural groups in the U.S., the focus is on the ways in which cultural awareness enhances professional helping relationships and improves the operation of human services systems.

Term:

Occasional

- **SOC-275 Women and Crime**

Credits:

4.00

Description:

This course examines the complex relationships between women and crime today. This focus will include women as criminal offenders; women as victims of crime; and women as both offenders and victims. Course materials draw from recent feminist scholarship on these issues in the social sciences. Topics include the causes of women's crime women, drugs, and crime; child abuse and trauma; prostitution and sex trafficking; race, gender and victimization; and feminist social movements against violence. Crimes of violence against women are a central focus in the course.

Term:

Occasional

- **SOC-329 Sociology of Globalization**

Prerequisites:

Prerequisite: SOC 113 or SOC 116.

Credits:

4.00

Description:

Globalization is shrinking the world. How and why did this happen? This course will explore global change and the global processes which effect key social institutions: culture, the economy and politics. Students will study the processes of globalization and its impact on our lives and people around the globe.

Term:

Occasional

- **SOC-341 International Drug Control Policy**

Credits:

4.00

Description:

Relying on a simplistic demand or supply explanation of why Americans use/abuse drugs obscures the reality of America's drug problem, is ineffective as a guide to public policy and has unforeseen, often negative consequences. Drug use is a complex and multi-faceted issue. There are no easy answers. To comprehend the complexity of America's drug problem one needs an understanding of the geography, history, religion, law, economics and international politics of the Middle and Far East, Eastern Europe, Africa, Mexico, and Central and South America. This class will provide this basic understanding without losing sight that the problem we seek to remedy is our own.

Term:

Offered Spring Term

- **SOC-354 Death and Dying**

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

Modern Language

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

Modern Language

• SPAN-300 Intro to Cultural Texts**Prerequisites:**

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

• SPAN-301 Spanish Culture and Civilization**Prerequisites:**

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

• SPAN-302 Indigenous and Colonial Latin America**Prerequisites:**

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

• SPAN-303 Modern and Contemporary Latin America**Prerequisites:**

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

- **SPAN-315 Spanish for the Professions**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

Integrates language learning with culture via business context of the Hispanic world. Spanish for banking and finance, marketing and advertising, and international commerce are highlighted. Students increase their cross-cultural understanding and written and oral proficiency in business Spanish through a wide range of assignments.

Type:

Global Engagement Experience

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

- **THETR-267 Introduction to Theatre: Contemporary American**

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and

structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Social & Intellectual HST

• WGS-H111 Women, History, & Culture

Prerequisites:

At least a 3.3 GPA required.

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Honors

• WGS-113 Women, Science, & Society

Credits:

4.00

Description:

Explores women's lives from the perspective of the social and natural sciences, including examination of recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship in these areas. Topics include: the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women; the female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women.

Term:

Offered Both Fall and Spring

• WGS-115 Introduction to Gender Studies

Credits:

4.00

Description:

Introduces the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, explores the pervasive influence of gender on the structure of society and our everyday experiences and the role that gender plays in our understanding of love, friendship, sexuality, and even violence. Topics include: biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Social & Intellectual HST

• WGS-311 Engendering Entertainment: Feminism and Popular Culture

Credits:

4.00

Description:

Investigates the complex intersections between feminism and popular culture through several different lenses: by exploring how feminists make arguments about popular culture; by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like *The Bachelor* and *Grey's Anatomy*; by focusing on a variety of

articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's *Female Chauvinist Pigs*, and Caitlin Moran's *How to Be a Woman*. Along the way we will ask questions about: what makes a work of art feminist; how modern media contributes to or distracts us from a variety of political debates in the realm of female equality and how can we, as individuals, use modern media to create and advance smart, feminist arguments.

Type:

Social & Intellectual HST

• WGS-315 Feminist Thought

Credits:

4.00

Description:

Investigates how feminists, both today and in history, have understood inequality and difference and looked for the best ways to address these issues and bring about social justice. Examines how feminist theorists help us to understand how gender and other social categories, such as race, class, sexuality, disability, age and nationality, are constructed within and through each other; and analyzes feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory, as well as consider anti-feminist arguments. Readings include classic critical texts by authors including Mary Wollstonecraft, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler.

Type:

Social & Intellectual HST

• WGS-325 Global Women's Fiction

Credits:

4.00

Description:

Explores of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic.

Term:

Occasional

- **WGS-335 Queer Narratives**

Credits:

4.00

Description:

Explores the stories that help us to understand communities, identities, and bodies that could be considered queer, and the ways that film, music, memoir and fiction have discussed queer as different, unusual, or other. Texts include the documentary, "Paris Is Burning", Frank Ocean's 2012 album, "Channel Orange", and Janet Mock's recent memoir, "Redefining Realness", as well as foundational queer theory from Judith Butler, Eve Kosofsky Sedgwick, and Lee Edelman, among others, to help build a framework for approaching and interpreting both fictional and non-fictional accounts of queer lives.

Type:

Social & Intellectual HST

Courses that fulfill the Creativity and Innovation, Humanities/History, Language, Literature, Quantitative Reasoning, Seminar for Freshmen, Social Science, or VPATH requirements may double count to fulfill the Social, Cultural, and Global Perspectives (SCGP) requirement.

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

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SUFFOLK
UNIVERSITY
BOSTON

Academic Catalogs

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2017-2018 Archived Catalog Information

Bachelor of Arts

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BA degree programs require the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Science, Technology, & Engineering (STE): 2 courses and corresponding laboratories where applicable, 8 credits

Choose two STE courses (and corresponding laboratory where applicable) from those listed below. Courses do not need to be in a sequence. In the case of a course that is a lecture plus a lab, the student must complete both components to earn credit for the STE requirement.

Biology:

- **BIO-104 Environmental Biology**

Prerequisites:

BIO 101 and BIO L101, can also be taken concurrently BIO L104 must be taken concurrently

Credits:

3.00

Description:

An introduction to basic evolutionary, behavioral and ecological principles. Readings and discussions emphasize the ways that humans are affected by ecological processes and principles as well as how humans and their technology affect ecosystems. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology. It is intended for non-biology majors as a follow-up to Biology 101. 3 hours lecture. Days Only. Madrid Campus only.

Type:

SCI TECH ENGR

- **BIO-L104 Environmental Bio Lab**

Prerequisites:

BIO-104 must be taken concurrently

Credits:

1.00

Description:

Exercises and field trips designed to complement and demonstrate the ecological principles developed in the lecture section. The lab emphasizes the scientific method and employs long term group projects. Madrid Campus only.

Type:

SCI TECH ENGR

- **BIO-105 Humans and the Evolutionary Perspective**

Prerequisites:

Non Science Majors Only

Credits:

4.00

Description:

Major topics include the scientific basis of evolution, the fossil history of vertebrates, evidence of evolution in the human body, and applying an evolutionary perspective to the social interactions and possible futures of humanity. Meets one of the non laboratory science requirements for the non-science major. This reading and writing intensive course is a non-laboratory science option for non-science majors. This course will not fulfill requirement for a major or a minor in Biology.

Term:

Occasional

Type:

SCI TECH ENGNR

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Rigorous introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGNR

Chemistry:

- **CHEM-105 Chemical New Product Development**

Prerequisites:

ENT 101

Credits:

4.00

Description:

This course addresses the crucial intersection between chemistry and business, and the impact of these fields on society. It provides an introduction to important chemistry concepts and practices of

business management. Primary focus is on understanding the chemistry principles behind some of the consumer products in our everyday lives, and using this knowledge to create and evaluate ideas for new products. The course also introduces the business aspects involved in the development and marketing of new products. An important component of the course is in making effective presentations; this component concludes the course, culminating in team presentations of a new chemical product to panel of executives and peers. This course satisfies the Sawyer Business School Science requirement.

Type:

SCI TECH ENGNR

- **CHEM-106 Biotechnology & Its Applications in Medicine, Agriculture, Law**

Credits:

4.00

Description:

Introduces the latest discoveries and applications of biotechnology. Topics include genetically modified food, stem cells, genetic testing, cloning, and forensics. A combination of lectures, discussions, short documentaries, mock congressional hearings, and hands-on activities will provide insight into the numerous medical, social, legal, and ethical issues surrounding this technology.

Type:

SCI TECH ENGNR

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **CHEM-L111 General Chemistry Laboratory I**

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

Computer Science:

- **CMPSC-F107 Ants, Rumors and Gridlocks**

Prerequisites:

Math placement level of 2 or above or any MATH course at the level 100 or above

Credits:

4.00

Description:

Do viruses and rumors spread like forest fires? How do ants cooperate? Do spoken languages and biological species evolve in a similar way? *Ants, Rumors, and Gridlocks* exposes students to introductory aspects of computational science by addressing and answering these and many other questions. Students use and modify virtual experiments preprogrammed in the NetLogo programming language to investigate these topics and others in Social Sciences, Biology, and Environmental Science. No prior knowledge of computer programming or NetLogo is required.

Type:

SCI TECH ENGR

Electrical Engineering:

- **ECE-288 Measuring the World**

Credits:

4.00

Description:

The world is addicted to quantifying the essence of everything, from personal IQ, to the speed of a baseball, to our healthiness, or our chances of winning the lottery. Behind most of these numeric values exists a science of measurement. Some of this is referenced to international standards, such as for length, time, weight, or temperature. Others are more arbitrary and subjective, such as ranking Olympic performance in gymnastics, beauty pageants, or popular responses as found in the game show *Family Feud*. A third category includes controversial areas, such as measuring whether a person is lying when interrogated, or using hype rather than reality to market products. Sometimes statistics are used to predict sports outcomes, such as in the annual March Madness NCAA basketball brackets. Finally, in a world subject to fraud and deception, it can be essential to distinguish legitimate from counterfeit items, such as in money, art, collectibles, and historical documents. Don't get hoodwinked! This course examines all of these, starting with how measurements have been made throughout history, along with a full deck of entertaining terms used during the ages. This may help you sort out your weight, whether given in pounds, kilos, or stones. Often these terms will provide insights into how people lived in different eras. We will also look at some of the technologies currently available to provide these measurements, and unravel the complexities of various sensors that are used. As we consider the meaning of accuracy we may become less naive about how much confidence to ascribe to the results given us. Hovering around all of these measurements should be the question of validity - are they meaningful, useful, or misleading? And the impact they have on society - whether they steer behavior more powerfully than one might originally suspect. Each student will also be given an opportunity to become an expert in an area of measurement of personal interest. By the end o

Type:

SCI TECH ENGR

Engineering Science:

• ENS-103 Introduction to Engineering

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• ENS-L103 Intro to Engineering Lab

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab

sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab. There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

Environmental Science:

- **UES-107 Introduction to Drones**

Prerequisites:

UES-L107

Credits:

3.00

Description:

Unmanned autonomous systems (UAS) or Drones are high-tech, intelligent machines capable of traveling by air, land, or sea via a remote connection. This course presents concepts and practical methods of using Unmanned Vehicles in a professional context, particularly for environmental projects. UAVs are increasingly being used in a professional capacity such as cinematography and filming, real estate, construction, surveying, mapping, agriculture, industrial inspections, utilities inspections and many more. The course covers mission planning, operations, field data collection, data processing, legal implications, data analysis and data deliverables. The course and laboratory will include learning flying micro-drones and preparing to pass the Federal Aviation Administration's Unmanned Aerial Vehicle Airmen (Part 107) exam. The course will have an associated Laboratory component in which students will learn how to properly plan effective flight missions, fly safely and legally, develop risk management strategies, analyze the data captured and convert it into a useful data deliverable.

Type:

SCI TECH ENGR

- **UES-L107 Introduction to Drones Lab**

Prerequisites:

UES-107

Credits:

1.00

Description:

Unmanned autonomous systems (UAS) or Drones are high-tech, intelligent machines capable of traveling by air, land, or sea via a remote connection. This course presents concepts and practical methods of using Unmanned Vehicles in a professional context, particularly for environmental projects. UAVs are increasingly being used in a professional capacity such as cinematography and filming, real estate, construction, surveying, mapping, agriculture, industrial inspections, utilities inspections and many more. The course covers mission planning, operations, field data collection, data processing, legal implications, data analysis and data deliverables. The course and laboratory will include learning flying micro-drones and preparing to pass the Federal Aviation Administration's Unmanned Aerial Vehicle Airmen (Part 107) exam. The course will have an associated Laboratory component in which students will learn how to properly plan effective flight missions, fly safely and legally, develop risk management strategies, analyze the data captured and convert it into a useful data deliverable.

Type:

SCI TECH ENGNR

• UES-111 Environmental Science

Prerequisites:

Must be taken concurrently with UES-L111

Credits:

3.00

Description:

Applies the fundamentals of science to environmental issues. Topics include population dynamics and resources, environmental degradation, ecosystems, geologic processes, deforestation, biodiversity, climate change, air, soil, and water resource management, and pollution and risks to health.

Term:

Offered Spring Term

Type:

SCI TECH ENGNR

• UES-L111 Environmental Science Lab

Prerequisites:

Must be taken concurrently with UES-111.

Credits:

1.00

Description:

Laboratory exercises are used to illustrate topics covered in UES 111. Field testing and analysis of environmental samples. Field trips may be required.

Term:

Offered Spring Term

Type:

SCI TECH ENGR

- **UES-121 Science, Art, and the Environment**

Prerequisites:

Take UES-L121 concurrently

Credits:

3.00

Description:

Examines art and cultural objects through the lens of the biological, chemical, and physical principles of the materials and processes we use to make them. Includes consideration of factors important in art conservation. Provides an environmental context for the manufacture and use of art materials and the preservation of cultural objects.

Type:

SCI TECH ENGR

- **UES-L121 Science, Art, and the Environment Lab**

Prerequisites:

Take UES-121 concurrently

Credits:

1.00

Description:

Provides hands-on work with pigments, dyes, and other art materials using the basic principles of science and technology. Students will conduct laboratory experiments that produce art objects and other consumer products. Instruction in safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables, graphs, and graphics. Practice in synthesizing compounds like paints and finishes and in evaluating methods of art conservation.

Type:

SCI TECH ENGR

• UES-225 Geographical Information Science**Prerequisites:**

Take UES-L225 concurrently

Credits:

3.00

Description:

Provides the fundamentals of geographic information science (GIS) including the history of automated mapping. A review of the necessary hardware and software elements used in GIS is presented. Hands-on exercises with computerized mapping software are required.

Type:

SCI TECH ENGR

• UES-L225 Geographic Information Science Lab**Prerequisites:**

Must be taken concurrently with UES-225

Credits:

1.00

Description:

Required companion computer laboratory to be taken concurrently with UES 225.

Type:

SCI TECH ENGNR

Forensic Science

- **FS-103 Introduction to Forensic Science**

Prerequisites:

FS-L103

Credits:

3.00

Description:

Application of the principles of forensic science in evaluating physical evidence, with emphasis on its role in criminal investigation. Class experiences may include guest lectures and field trips. 3-hour lecture. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **FS-L103 Introduction to Forensic Science Lab**

Prerequisites:

FS 103 concurrently

Credits:

1.00

Description:

Laboratory experiences related to the collection and analysis of physical evidence as performed by forensic science professionals. Experiments may include forensic microscopy, drug analysis, forensic serology, physical patterns, fingerprint and firearm evidence analysis techniques. 3-hour laboratory. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGR

Neuroscience:

- **NEUR-101 Intro to Neuroscience**

Credits:

4.00

Description:

Introduces the field of neuroscience, the study of the organization and function of the nervous system of humans and other animals. Neuroscientists examine how individual neurons function as signaling devices, how groups of neurons operate as circuits to produce fundamental units of behavior, and how much larger systems in the brain subserve complex functions such as memory and consciousness. Topics include the neuron and neural transmission, the overall function and organization of the nervous system, the development of the brain, neural plasticity, sleep, memory and other higher cognitive functions. Normally offered alternate years.

Type:

SCI TECH ENGR

Physics:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or MATH-165 or permission of Physics department chair; PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-151 University Physics I**

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

• PHYS-L152 University Physics Lab II

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

• PHYS-153 University Physics III

Prerequisites:

MATH-121, MATH-164 or MATH-165

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

• PHYS-L153 University Physics III Lab**Credits:**

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGR

Science:**• SCI-103 Environmental Science****Prerequisites:**

SCI-L103 must be taken concurrently

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to environmental degradation, ecosystems, geological processes, population dynamics, deforestation and biodiversity, climate change, ozone depletion, air soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

• **SCI-L103 Environmental Science Lab****Prerequisites:**

Must take SCI-103 concurrently

Credits:

1.00

Description:

Laboratory exercises to illustrate the topics covered in Science 103. Field-testing and analysis of environmental samples. Field trip required.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

• **SCI-108 Introduction to Cancer Care****Credits:**

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **SCI-111 Introduction to Astronomy**

Prerequisites:

MATH-128 or higher and SCI-L111 must be taken concurrently.

Credits:

3.00

Description:

History of Astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors; space programs, science and technology in society. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGR

- **SCI-L111 Introduction to Astronomy Lab**

Prerequisites:

Take SCI-111 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 111. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-112 Structure of the Universe**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-L112 Structure of the Universe Lab**

Prerequisites:

Take SCI-112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-113 A Habitable Earth Within the Solar System**

Credits:

4.00

Description:

This course introduces non-science majors to concepts that are central to making our planet habitable. It presents Earth in context of the solar system with a broad view of global climate change and energy resources in a quest to better understand the workings our planet. This course on Earth and Planetary Science is suitable for students who may have taken their last science and math course several years ago, or are just curious about knowing facts on major issues that pertain to the future of our planet. Together with a reading component, this course aims to give students a flavor of how researchers think, investigate and develop conclusions that directly affect our political and economic future. Topics covered in this course range from the solar system to the study of search for other habitable Earth-like planets, search for extraterrestrial life, and evolution of life on Earth. Other characteristics of this course are heavy use of audio-visual materials often including computer animations and simulations, in-class experiment demonstration, and intensive use of INTERNET-based resources.

Type:

SCI TECH ENGR

- **SCI-165 Inner Workings of Physics Universe**

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

SCI TECH ENGR

- **SCI-171 The Built World: How Humans Engineer Environments**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **SCI-173 Mapping Our World The Power of Digital Maps**

Prerequisites:

SCI L173 Must be taken concurrently Knowledge of Windows type Application

Credits:

3.00

Description:

Geographic Information Science (GIS) link information (number of fire hydrants on a block) to features on a map (e.g., a point representing street address) that has a designated geographic location (as designated by global coordinates). Unlike paper maps, GIS software allows the production of interactive maps that allows the user to layer data, to indicate spatial patterns, to analyze trends, and to combine different features of the mapped area in novel ways. For example, a business person may wish to use GIS to determine the optimum location of retail outlet (based on the mapped demographics of a neighborhood), while an environmental engineer may use GIS to describe the location of outfalls to see how they correlate to areas of stream pollution. In this course, students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-L173 Mapping Our World Lab**

Prerequisites:

Must be taken concurrently with SCI-173

Credits:

1.00

Description:

This laboratory illustrates concepts and methods taught in SCI 173. In this lab students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-181 Science and Life in the 21st Century**

Credits:

4.00

Description:

No longer offered on Boston campus This is a four credit, non-lab, science course that examines the central scientific problems confronting the 21st century. The course studies particular topics and teaches the necessary science around these topics to provide a good understanding of the issues. The topics currently are: Energy, Science and Economic Decisions, Sustainability of Life on Earth, Health and Science.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **SCI-184 Contemporary Science and Innovation**

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **SCI-201 Physics for Future Presidents**

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGR

- **SCI-210 Earth and Planetary Crystals**

Prerequisites:

Take SCI-L210 concurrently

Credits:

3.00

Description:

This course will provide undergraduate students of various disciplines with an introduction to gems and crystals using interactive, evidence-based teaching approaches. Crystalline forms of matter are critical to our existence. Using innovative teaching strategies of in-class hands-on demonstration, supplemented with visuals of crystal details, the course provides students insights into the formation, alteration and unique properties that make crystals invaluable. Topics range from the study of proteins and nucleic acids to the interior of planets. The in-class lectures will provide a basic guide that will serve as a platform for individually catered in-depth study. Therefore, the course is open to advanced students as well, who can pick up higher level of information for discussion and class projects.

Type:

SCI TECH ENGNR

Some Science division courses may have Math or Computer Science prerequisites; many have other Science prerequisites.

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

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Bachelor of Arts

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BA degree programs require the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Studies in Literature: 1 course, 4 credits

Choose one Studies in Literature course from those listed below:

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Studies in Literature

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Studies in Literature

- **ENG-130 Introduction to Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-135 World Literature in English**

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

• ENG-141 Studies in British Literature**Credits:**

4.00

Description:

Study of poetry, prose, and drama from the British literary tradition, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

• ENG-142 Studies in American Literature**Credits:**

4.00

Description:

Study of poetry, prose, and drama from the American literary tradition, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-151 Introduction to African-American Literature**

Credits:

4.00

Description:

Literature has the capacity to record and interrogate history in an imaginative and artistic context. African-American literature is a rich, varied, and complex body of literature that faces our tainted history directly. The authors we will read in this class examine slavery's long-term psychological and social effects while forging a literary history that is at once a part of and apart from American literary history more generally.

Type:

Studies in Literature

- **ENG-152 Horror Fiction**

Credits:

4.00

Description:

This course focuses on the reading and analysis of horror literature and the ways in which horror reflects and represents personal and cultural anxieties. Readings will include both classic and contemporary authors, for example, Edgar Allan Poe, H.P. Lovecraft, Shirley Jackson, Stephen King, and others. Assignments will include analytical essays as well as creative writing.

Type:

Studies in Literature

- **ENG-153 Literature of War**

Credits:

4.00

Type:

Studies in Literature

- **ENG-155 Young Adult Literature**

Credits:

4.00

Description:

Young Adult Literature's recent explosion in popularity raises important questions about the stories it tells, the values it promotes, and the audiences it seeks. This course approaches the YA phenomenon as one with deep historical roots as well as contemporary cultural relevance. From nineteenth century classics to current series favorites, literary works focused on young people reframe perennially fresh narratives about coming of age, negotiating personal identity, and navigating a complex moral universe. This course also considers YA literature as part of an evolving network of writers, readers, publishers, critics and filmmakers.

- **ENG-157 Poetry and Religion**

Credits:

4.00

Description:

This course will use close readings to examine poetry as a heightened form of language seeking to make contact with divine sources of faith. We will consider poems that provide examples of the struggle to attain belief, as well as poems that deny belief. Language as both the grammar of ascent and the locus of descent. The position of human beings in relation to God, or the gods, or the absence of the divine.

Type:

Studies in Literature, Classics Minor

- **ENG-161 Writing the American West**

Credits:

4.00

Description:

In 1893, Frederick Jackson Turner famously declared that the American frontier (i.e., the West) had closed for good. To a certain extent, Jackson's proclamation was meant to demarcate the end of the 19th century. But perhaps more importantly, it marks the beginning of a distinctly American literature that began, ironically, by mourning its own demise. In this course, we will journey among some of the more significant signposts and detours that have marked Western U.S. literature in the 20th Century. Along the way, we will question just where, exactly, the West begins and ends (The Mississippi River? The Great Plains? The Rockies?), and think about whether or not Turner's frontier thesis continues to

hold true (if it ever did). We will consider whether the broad rubric of The West is adequate to describe the various sub-regions within this portion of the United States, and we'll examine the genres which seem as if they could not have happened anywhere else. We will also interrogate differences in the literature across gender lines: how, if at all, does the literature written by men and by women differ? Above all, we will strive to come away with a deeper understanding of this vitally American, and vitally Wild literary place.

Type:

Studies in Literature

• ENG-213 English Literature I

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

• ENG-214 English Literature II

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-217 American Literature I**

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-218 American Literature II**

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

Masterpieces of French and Francophone Literature in English Translation. Studies works translated into English by major authors from the Middle Ages to the present. Explores drama, fiction, and poetry from many regions of the world: Africa, Western Europe, North America, the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Studies in Literature

• FR-309 Survey of French Literature I**Prerequisites:**

FR 202 or Instructors permission

Credits:

4.00

Description:

Analyzes and discusses canonical works of French literature from medieval times to the eighteenth century.

Term:

Offered Fall Term

Type:

Studies in Literature

• FR-310 Survey of French Literature II**Prerequisites:**

FR-202 or instructor's permission

Credits:

4.00

Description:

Study, analyze and discuss canonical works of French-language literature from the nineteenth through the twenty-first centuries, as they relate to important events in the art, culture, and history of the Francophone world.

Term:

Offered Spring Term

Type:

Studies in Literature

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

Explores the theme of love and its manifestation in representative works while being aware of the evolution of French Literature. Addresses various thematic that accompany a traditional survey of literature course such as critical discourse, aesthetic representation, literary movements, genre, construction of sexual identities, sexual politics as well as representations of ethnicity, class, and culture.

Term:

Occasional

Type:

Studies in Literature

- **FR-318 Face in the Mirror: Writing & Reflecting the Self in French**

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

Examines literature in the French language focusing on memoir, essay, and autobiography. Read authors such as, Montaigne, Rousseau, Lamartine, Colette, Duras, Beauvoir, Le, Chamoiseau, Djébar, Conde, Ernaux, Genet, and Satrapi. Develops an appreciation of the differences between autobiography and autofiction. Explores the question of truth and the fallibility of memory.

Type:

Studies in Literature

- **WGS-211 Heroines, Hotties & Hubris: Adolescent Girl's Books**

Credits:

4.00

Description:

Explores what we can learn from the books that teenage girls read. In addition to a wide array of interesting and complex Young Adult novels targeted to young female readers, students will be exposed to theories of adolescent development, literary criticism, and social theory. Topics include how the dilemmas of girlhood have changed or stayed constant and the urge, so common in books for children and teens, to teach kids how to think and behave.

Term:

Occasional

Type:

Studies in Literature

- **WGS-220 Other Worlds, Other Genders: Women and Science Fiction**

Credits:

4.00

Description:

Examines through both classic and contemporary science fiction a variety of possibilities for world-reimagining in the realms of gender, sexuality, race, and other forms of difference. Draws on theories of utopian and dystopian discourse, engages with questions of biology and reproduction, and explores colonialism through first-contact and space empire narratives.

Type:

Studies in Literature

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

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Bachelor of Arts

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BA degree programs require the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Ethical & Philosophical Inquiry: 1 course, 4 credits

Choose one Ethics course from those listed below:

- PHIL-119 Ethics

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

• PHIL-120 Ethics and Civic Life

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

• PHIL-123 Social Ethics: The Good Life

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

• PHIL-127 Contemporary Moral Issues

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

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Bachelor of Arts

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BA degree programs require the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
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- [Math](#)
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- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Human Behavior and Societies: 1 course, 4 credits

Choose one Human Behavior and Societies course from those listed below:

Advertising and Public Relations:

- ADPR-285 Media and Pop Culture I

Credits:

4.00

Description:

Examines the influence of media on contemporary society from a social science perspective. Television, radio, film, and print formats are discussed in terms of their persuasive impact on mass culture in the U.S.. The emergence and development of Rock N Roll is discussed in unison with the Civil Rights, Student's Rights, and anti-War movements of the period from 1946-1972.

Term:

Offered Spring Term

Type:

Human Behavior & Societies

Communication:

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television, and new media technologies develop, and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness, and change processes.

Term:

Offered Fall Term

Type:

Human Behavior & Societies

Economics:

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

Government

- **GVT-110 Introduction to American Democracy**

Credits:

4.00

Description:

An introduction to the American political system and constitutional framework. Focus will be on the interplay of various institutions (the Presidency, Congress and the Judiciary) in creating public policies. Contemporary public issues will be discussed, as will the role of political theory in shaping American

democracy. Attention will be given to the role of the news media, public opinion, political ideology, political parties and interest groups in the American system.

Type:

Human Behavior & Societies

• GVT-115 Evolution of the Global System

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

Type:

Human Behavior & Societies

Psychology:

• PSYCH-114 General Psychology

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

Sociology:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-224 Families in Contemporary Society (Spain)**

Credits:

4.00

Description:

Spain has experienced major socio-demographic changes since the mid 1970s. These transformations mainly arise from the new role of women in society and, in particular, women's higher levels of education, work experience, and labor market attachment. The changes in women's labor force participation have occurred in conjunction with a progressive postponement of main family events, such as leaving the parental home, forming a partnership and having children, as well as with a reduction in the family size. Spain is, indeed, characterized as having one of the lowest low fertility levels within Western industrialized countries, a pattern that is exacerbating the ongoing process of population aging. This picture partly reflects the conflicting relationship that currently exists between women's labor force participation and the accommodation of family responsibilities: the so-called work/family balance. Ongoing differences among countries have been accounted for by different explanatory factors that involve socio-economic, cultural and social policy dimensions. From a comparative perspective, the course is intended to cover recent debates, controversies, and research on family formation and family dilemmas in contemporary Spain.

Type:

Human Behavior & Societies

Major Requirements Minimum: 8 courses, 32 credits**Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies****Minimum Total Credits Required for Degree Conferral: 126 credits**

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SUFFOLK
UNIVERSITY
BOSTON

Academic Catalogs

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2017-2018 Archived Catalog Information

Bachelor of Arts

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BA degree programs require the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Social & Intellectual History/Visual & Performing Arts Theory & History: 1 course, 4 credits

Choose one course from those listed below:

American Studies:

- AMST-111 Defining America and Americans

Credits:

4.00

Description:

Examines artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and methods in the field of American Studies.

Type:

Social & Intellectual HST

Art & Design:

- **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

- **ADI-234 History & Theory of Interior Architecture**

Prerequisites:

Taken concurrently with ADI S201

Credits:

3.00

Description:

This course introduces students to the important individuals, ideas and issues that have shaped the direction of contemporary interior design practice in the twentieth century, building upon the historical foundation established by the Ideas of Western Art and History of Furniture and Architecture classes. Intermixing lectures and readings with visits to important local buildings, it discusses the influences of culture, technology, fashion and media upon the work and thinking of the first generation of modern

designers, as well as emerging social, moral and environmental imperatives that will form the basis of future practice; cultural identity, interdisciplinary collaboration, sustainability and universal design.

Term:

Offered Fall Term

Art History:

- **ARH-101 Art History I**

Credits:

4.00

Description:

Surveys the art of Western civilization from prehistoric caves to medieval cathedrals. Considers works from the Ancient Near East, Ancient Egypt, Ancient Greece and Rome, the Byzantine Era, the Romanesque Period, and the Gothic Period in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-102 Art History II**

Credits:

4.00

Description:

Surveys the art of Europe and America from the Renaissance to the present. Considers work of painting, sculpture, and architecture from periods such as the Renaissance, the Baroque, the Rococo, Neoclassicism, Romanticism, Impressionism, Abstract Impressionism, and Post-Modernism in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-205 Gender, Class and Alterity in Ancient And Medieval Art**

Credits:

4.00

Description:

Explores issues of sexuality, gender, race, and social class in the ancient and medieval worlds. Examines key artworks from ancient Greece, the Roman Empire and medieval Europe within historical, social and cultural contexts.

• ARH-307 Art of the Italian Renaissance**Credits:**

4.00

Description:

Examines painting, sculpture and architecture of the 14th, 15th, and 16th centuries in Italy in their cultural context. Artists include Giotto, Masaccio, Donatello, Leonardo da Vinci, Raphael, Michelangelo, and Titian.

Term:

Occasional

• ARH-308 Art of the Baroque & Rococo**Credits:**

4.00

Description:

Explores painting, sculpture and architecture in Italy, Spain and Northern Europe during the 17th and 18th century. Works by Rembrandt, Rubens, Caravaggio, Bernini, Poussin, Velasquez, Watteau, Boucher, Fragonard, Chardin, Hogarth and others considered within their historical contexts.

Term:

Occasional

• ARH-309 Art of the 19th Century**Credits:**

4.00

Description:

Examines Neoclassicism, Romanticism, Realism and Impression in the European painting. Considers works by artists such as David, Ingres, Friedrich, Constable, Delacroix, Goya, Courbet, Millet,

Daumier, Manet, Monet, Renoir, Degas, and Cassatt within their historical contexts.

Term:

Occasional

- **ARH-310 Modernism in Art**

Credits:

4.00

Description:

Examines European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, The Bauhaus, Dada, and Surrealism. Considers works by artists such as Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Mondrian, Duchamp, Magritte, Dali, and Ernst within their historical contexts.

- **ARH-311 American Art**

Credits:

4.00

Description:

Surveys American painting, sculpture, photography and architecture from the colonial period through WWII. Considers works by artists such as Smibert, Copley, West, Stuart, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole, Inness, Sloan, Sullivan, Wright, Hopper, O'Keefe, Dove, Hartley, Bellows, Stieglitz, Weston, and Steichen.

Term:

Occasional

- **ARH-312 Art of the Northern Renaissance**

Credits:

4.00

Description:

Examines painting, sculpture, and architecture of the 14th, 15th and 16th centuries in Northern Europe, within their historical context. Topics include the rise of oil painting, the development of woodcut and engraving, the effect of the Reformation on art. Artists include van Eyck, Bosch, Durer, Holbein and Brueghel.

Term:

Occasional

Asian Studies:

- **AS-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Both Fall and Spring

Type:

Asian Studies, Social & Intellectual HST

Communication:

- **CJN-114 Great Works of Journalism**

Credits:

4.00

Description:

An examination of important contributions to the literature of journalism through an analysis of major writers and news coverage of significant events from a journalistic perspective.

Term:

Occasional

Type:

Social & Intellectual HST

- **CJN-152 Visual Aesthetics**

Credits:

4.00

Description:

This course provides an introduction to a humanities approach to a range of media, including but not limited to film and television. The course helps students develop visual literacies, enriching their understanding of multiple forms of media. The class also explores how media texts are constructed for specific cultural, entertainment, informative and propaganda purposes.

Term:

Offered Both Fall and Spring

- **CJN-292 Film History: From Silent Cinema to the Modern Era**

Credits:

4.00

Description:

An introductory film studies course that covers the history of the film medium from its birth until the 1970s. It provides an introduction to major film theory concepts, such as genre and/or auteur studies, as well as key films and stars in movie history.

Term:

Alternates Fall & Spring

English:

- **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's *Odyssey*, Sophocles' *Oedipus*, Virgil's *Aeneid*, selections from the Hebrew Bible and the Gospels, and Dante's *Divine Comedy*. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **ENG-124 Great Books of the World II**

Credits:

4.00

Description:

This course will introduce students to a selection of Great Books from around the world from the 17th century to the 21st, such as Don Quixote (Spain), Madame Bovary (France), The Communist Manifesto (Germany), The Origin of Species (England), War and Peace (Russia), On Dreams (Austria), Night (Hungary), Things Fall Apart (Nigeria), Satyagraha (India), I Am Prepared to Die (South Africa), Saeed the Pessoptomist (Israel), The Rouge of the North (China), and The House of Spirits (Chile). Readings may vary at the discretion of the instructor.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **ENG-266 Mad Men: Reading Visual Narratives**

Credits:

4.00

Description:

This course will focus on the cultural phenomenon of the TV Series Mad Men, considered by many to be the foremost example of Quality TV produced during the so-called golden age of television and engage with it on visual, cultural, literary and filmic levels. The basic premise of the course is that the current practice of binge watching one's favorite shows should be a heightened experience rather than a guilty pleasure, one akin to reading a novel. Watching a complex and sophisticated TV narrative involves taking into account the viewer's positionality as a filmic consumer, textual critic and social commentator. The class will consider various theoretical approaches to television narrative, beginning with ideas gleaned from the discourse of visual literacy, and proceed by applying textual analysis adapted from the more traditional modes of literary studies and film analysis. A combination of critical and evaluative sources will be examined, including book-length studies of the series, individual essays based on the series' appeal to style, American popular culture, advertising, gender roles, race, and 60s nostalgia. Additionally, the recent phenomenon of the series recap will serve as the touchstone to

the class's collective viewing of the series and students will be challenged to synthesize and assess these popular on-line critiques as they draft their own recaps and creative readings of the episodes. The entire first two seasons of Mad Men will be studied and the invaluable resource of director/producer commentaries will be incorporated into the study of the series with a view to acquiring critical insights and analytical skills that may be applied to other quality TV series that students currently enjoy watching.

Environmental Science:

- **UES-325 Environmental History of US**

Credits:

4.00

Description:

Explores how Americans have understood the environment and their relationship to it through analysis of classic environmental texts, historical contexts, and societal perspectives. Analyzes how the environment has changed from pre-colonial times to the present and how these changes have been described through the lens of environmental history. Themes include differing viewpoints of European and indigenous peoples toward the natural environment, the impacts of the Western expansion on native species and landscapes, the rise of industrialism and its impacts on natural resources and ecosystems, and the rise of 20th century environmentalism.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

French:

- **FR-220 French & Francophone Cinema**

Credits:

4.00

Description:

Discusses and deepens understanding of French and Francophone cinema from its origins in the late nineteenth century to the early twenty-first century. Explores early works from France, by the Lumiere Brothers and Georges Melies as well as contemporary films from France, Algeria, Burkina Faso, Canada, Haiti, and Senegal.

Term:

Occasional

- **FR-320 French & Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

History:

- **HST-101 History of Western Civilization I**

Credits:

4.00

Description:

Surveys European culture, politics, and society from antiquity to the seventeenth century. Topics include: the Greek, Judaic, and Roman heritage; the rise of Christianity; feudal society in the Middle Ages; Renaissance and Reformation; the Scientific Revolution; and the development of absolutist and constitutional governments.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **HST-102 History of Western Civilization II**

Credits:

4.00

Description:

Surveys European culture, politics, and society from the Scientific Revolution to the present. Topics include: the development of absolutist and constitutional governments; the Enlightenment; the French Revolution; Industrialization and urbanization; nationalism and imperialism; World War I, World War II, and the Cold War; the decline of Europe as a world power.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

• HST-121 World History I**Credits:**

4.00

Description:

Explores the major themes of human history to 1500. Topics include: hunter-gathering, the migration of humans across the globe, transitions to food production, and the development of complex societies based on agriculture. Major early Eurasian civilizations (China, India, the Middle East, and Europe) are examined (alongside their interactions with Inner Asia and the Arabian Peninsula). So too are Sub-Saharan Africa and the Americas.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

• HST-149 Empires & Globalization in World History I**Credits:**

4.00

Description:

This is the first of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of

economic history. Major issues include the formation of the medieval trade system, the development of finance and capitalism in the early modern ages, and economic changes prior to the Industrial Revolution. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Fall Term

Type:

Social & Intellectual HST

• HST-150 Empires & Globalization in World History II

Credits:

4.00

Description:

This is the second of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include state-making, wars, and the rivalry among early modern empires, economic development, the Industrial Revolution and the formation of the global trade system. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Spring Term

Type:

Social & Intellectual HST

• HST-181 American Life to the Civil War Era

Credits:

4.00

Description:

Surveys American history from European colonization up through the era of the Civil War. Topics include interactions with Native Americans; slavery; the American Revolution; the founding of a new republic; social and economic developments in the early nineteenth century; expansion; party politics; sectional conflict; the Civil War and Reconstruction.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

• HST-182 American Life Since the Civil War Era**Credits:**

4.00

Description:

Surveys American history from the 1870s to the present. Topics include the new industrial order; farmer and worker protests; progressivism; America's emergence as a world power; the two World Wars; the Great Depression; the New Deal; the Cold War; post-World War II American society; the Civil rights movement; Vietnam; dissent and counterculture in the 1960s; the women's movement; economic, social, and political changes in the late-twentieth century; America's relationship to a globalized world.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

• HST-251 Modern East Asia**Credits:**

4.00

Description:

China, Japan, and Korea - East Asia's critical players - share many historical influences, but each has a distinct culture, and they competed with each other for much of the twentieth century, proud of their achievements but feeling threatened by their neighbors. Lectures interspersed with movies and documentaries to show how East Asia has developed in the past one-hundred-plus years.

Type:

Social & Intellectual HST

- **HST-260 Asian Peoples and Cultures**

Credits:

4.00

Description:

Introduces the peoples of Asia and the cultures they have created. Particular attention is paid to the lives of the common people in both historical and contemporary times. By understanding the richness and complexities of daily life in Asia, we will understand the continuities and discontinuities brought on by social, cultural, and economic changes. We will gain an appreciation of our fellow human beings in Asia.

Type:

Social & Intellectual HST

- **HST-268 History of the Mediterranean**

Credits:

4.00

Description:

Explores the history of the Mediterranean from the ancient times to the 20th century, with emphasis on the extraordinary interaction between the rich cultural, ethnic and religious backgrounds of the peoples of Europe, Middle East, and North Africa.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-312 Renaissance and Reformation Europe**

Credits:

4.00

Description:

Explores the intellectual and cultural developments of the Renaissance, and of the Protestant and Catholic Reformations in their social and political contexts. Topics include: Humanism, the rise of the city-state; art, and science; changes in family and social life; the causes of the Reformation

(intellectual, social, technological); Calvinists, Lutherans, and Radical Reformers; Counter-Reformation and its political consequences; the Wars of Religion.

Term:

Occasional

Type:

Social & Intellectual HST

• HST-361 Native America 1832 to Present

Credits:

4.00

Description:

Topics will include the Plains Indian Wars; ethnological aspects of Indian tribes; the pitfalls of Indian reform movements; Indian resistance to U.S. assimilation and reservation policies; the Indian New Deal; activism and the American Indian Movement; Indians' future prospects. Cultural Diversity A

Term:

Occasional

Type:

Social & Intellectual HST

• HST-383 Boston: Heritage of a City

Prerequisites:

One History course

Credits:

4.00

Description:

Boston from its foundation in 1630 to its development as a 21st century metropolis. From the Massachusetts Bay Colony, to cradle of the American Revolution, to a Yankee merchant capital, Brahmin cultural center, and immigrant melting pot. When offered in the hybrid format, this course will meet at the regularly-scheduled time, but lectures and other course materials will be available on the course Blackboard site in case you cannot attend.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-394 Slavery in Film, Literature and History**

Credits:

4.00

Description:

A seminar on slavery in the United States as depicted in history, literature, and film. Topics may include resistance to slavery, honor, the attack on slavery, the cultural and social worlds of masters and enslaved people, the thought of masters and enslaved people, women and slavery, and/or slavery as an economic institution.

Type:

Social & Intellectual HST

- **HST-412 Europe in the 20th Century**

Credits:

4.00

Description:

Examines the political, economic, social and cultural developments of the principal European states since 1900. Topics include: World War I; the social and economic dislocations of the 1920s and 1930s; the rise of Fascism and National Socialism; World War II; the remains of colonialism; modernization and Americanization since the 1960s; the European Union; Europe after the Cold War; and throughout the twentieth century, the importance of class and class conflict, nationalism, and war in shaping the European experience.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-426 Politics and Culture in Europe 1919-1939**

Credits:

4.00

Description:

Explores the social and political development of European society between the two world wars, primarily through the literature, art, and films of the period. Topics include: the dissolution of pre-1914 middle class society; deviance and sexuality in the 1920s; the role of decadence in art and the Fascist response to deviance in life and art; women, workers, and the new technology; the rise of Fascism; political engagement and polarization throughout European society in the face of economic and social crisis.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-489 Germany: Film, Politics, Memory Since 1945**

Credits:

4.00

Description:

Explores German history since 1945 through film, newsreels and other archival footage, war memorials and museums, novels, published diaries, memoirs, and recent historical scholarship. Topics include the representation, in film and other texts, of: post-war rebuilding; the German Economic Miracle; divided Berlin; 1960s and 70s radical politics; coming to terms since 1945, with Germany's Nazi past and the Holocaust; coming to terms since 1990 with the Stasi and East German past; Ostalgie (nostalgia in the 21st century for some aspects of East German socialism); the multi-cultural society that is Germany today, with new Turkish, Greek, Russian, Arab, and even Israeli communities.

Type:

Social & Intellectual HST

Music History:

- **MUH-101 History of Music I**

Credits:

4.00

Description:

Surveys Western music from CE800-1800, from Gregorian to Beethoven; selected major composers, representative masterworks, and the musical styles of the Medieval, Renaissance, Baroque, and Classical periods; links the music to some of the major historical, cultural, artistic, and intellectual trends of these periods. Normally offered yearly.

Term:

Offered Fall Term

- **MUH-102 History of Music II**

Credits:

4.00

Description:

Surveys Western art music from 1800-present, from Schubert to Jennifer Higdon; selected major composers, representative masterworks, and the musical styles of Romantic, Contemporary, and post-Modern periods; links the music to some of the major historical, cultural, artistic, and intellectual trends of these periods. Normally offered yearly.

Term:

Offered Spring Term

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Surveys American music from Colonial times to the present; various attempts to create an indigenous musical style; vernacular and art music genres including folk, concert, and religious music, jazz and musical theatre; includes music of Billings, Amy Beach, Ives, Copland, Bernstein, and Libby Larsen. Normally offered yearly.

Term:

Alternates Fall & Spring

Philosophy:

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **PHIL-219 Philosophy of Art**

Credits:

4.00

Description:

What counts as art? What is beauty? Are there objective standards of beauty? This course examines the nature of aesthetic experience, art, beauty, and creativity. Through the classic and contemporary readings, the students will be introduced to philosophical issues concerning the meaning of art, artistic representation, perceptions of art, interpretation, and criticism. Students will be encouraged to reflect on their own experience of art and explore the relationships among the artist, the audience, the artwork, and the world. 1 term - 4 credits. Normally offered every third year.

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic

injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Social & Intellectual HST

Theatre:

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

- **THETR-266 Intro to Theatre: 20th Century**

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricity. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Women's & Gender Studies:

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Social & Intellectual HST

- **WGS-115 Introduction to Gender Studies**

Credits:

4.00

Description:

Introduces the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, explores the pervasive influence of gender on the structure of society and our everyday experiences and the role that gender plays in our understanding of love, friendship, sexuality, and even violence. Topics include: biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Social & Intellectual HST

- **WGS-311 Engendering Entertainment: Feminism and Popular Culture**

Credits:

4.00

Description:

Investigates the complex intersections between feminism and popular culture through several different lenses: by exploring, how feminists make arguments about popular culture; by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like *The Bachelor* and *Grey's Anatomy*; by focusing on a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's *Female Chauvinist Pigs*, and Caitlin Moran's *How to Be a Woman*. Along the way we will ask questions about: what makes a work of art feminist; how modern media contributes to or distracts us from a variety of political debates in the realm of female equality and how can we, as individuals, use modern media to create and advance smart, feminist arguments.

Type:

Social & Intellectual HST

- **WGS-315 Feminist Thought**

Credits:

4.00

Description:

Investigates how feminists, both today and in history, have understood inequality and difference and looked for the best ways to address these issues and bring about social justice. Examines how feminist theorists help us to understand how gender and other social categories, such as race, class, sexuality, disability, age and nationality, are constructed within and through each other; and analyzes feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory, as well as consider anti-feminist arguments. Readings include classic critical texts by authors including Mary Wollstonecraft, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler.

Type:

Social & Intellectual HST

- **WGS-335 Queer Narratives**

Credits:

4.00

Description:

Explores the stories that help us to understand communities, identities, and bodies that could be considered queer, and the ways that film, music, memoir and fiction have discussed queer as different, unusual, or other. Texts include the documentary, "Paris Is Burning", Frank Ocean's 2012 album, "Channel Orange", and Janet Mock's recent memoir, "Redefining Realness", as well as foundational queer theory from Judith Butler, Eve Kosofsky Sedgwick, and Lee Edelman, among others, to help build a framework for approaching and interpreting both fictional and non-fictional accounts of queer lives.

Type:

Social & Intellectual HST

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

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SUFFOLK
UNIVERSITY
BOSTON

Academic Catalogs

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2017-2018 Archived Catalog Information

Bachelor of Arts

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BA degree programs require the successful completion of the following courses:

Core Requirements: 13-15 courses, 47-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts Theory & History](#)
- [Modern Language](#)

Modern Language: 0-2 courses, 0-8 credits

To fulfill the modern language requirement, a student must earn credit for a course in a language other than English taught at Suffolk at the level of 102 or above. A student may have to complete the prerequisite of 101 before taking 102. A student may test into 102 or higher. The modern language requirement may be waived with proof of proficiency at the 202 level in any qualifying language.

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits



SUFFOLK
UNIVERSITY
BOSTON

Academic Catalogs

[Academic Catalogs](#) > [Undergraduate Catalog](#) > [College of Arts & Sciences](#) > [Fall 2017 Degree Requirements](#) > Bachelor of Fine Arts Degree

2017-2018 Archived Catalog Information

Bachelor of Fine Arts Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BFA degree programs require the successful completion of the following courses:

Core Requirements: 12 courses, 47-48 credits

- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts](#)

Seminar for Freshmen: 1 course, 4 credits

Students with 15+ transfer credits of college or university work are exempt.

Please note that not all courses are offered each semester. Students should contact their advisor to learn about current course offerings.

Choose one Seminar for Freshmen course from those listed below:

- **SF-101 Fixing the World- Energy and Water: The Science of Solutions**

Credits:

4.00

Description:

Two of the most daunting challenges the world faces (or will face) is how to provide for both its growing energy needs and potable drinking water. Regular news events include climate change, droughts, flooding, and petroleum struggles. Human nature often requires a severe crisis before it responds. This course will investigate the historical science driving the use of energy since the Industrial Revolution to convert energy resources into work, including the steam engine, the electric motor, and the internal combustion engine. It will also consider alternative energy options to fossil fuels, such as solar, wind, geothermal, and ocean power. Along the way we will consider the evidence for Global Warming and Climate Change. We will look into human nature, simple life styles, conspiracy theories, and the influence of those in power to shape human opinion. We will also consider how our water supply is provided and where it goes after being used. What options do developing countries or drought racked areas have to remedy their water needs? Although the course pursues a scientific understanding of these issues, the mathematics used will be gentle, and a larger emphasis will be placed on the intuitive appreciation of these concerns.

- **SF-116 Enlightened Insanity**

Credits:

4.00

Description:

Rain or shine, the great 18th century Enlightenment philosophers would meet at the famous cafes of Paris to discuss their ideas, and to observe and criticize society. From these informal debates emerged ideas that are at the core of our modern understanding of the nature of society, marginality, human nature, civil rights, the essence of creativity and genius. Come join us in the quest to understand, define, observe, and analyze the key ideas and concepts of these great thinkers, such as Rousseau, Diderot, and Voltaire, still so relevant in our time. We will read key works of these creative thinkers and philosophers. We will enrich our experience and understanding through the use of film, theatre performances, museum visits, as well as the occasional cafe debate.

- **SF-126 The Boston Theatre Scene: the Inside Experience**

Credits:

4.00

Description:

Using the current Boston theatre season as its syllabus, this writing- and analysis-intensive course will explore several plays in production at some of Boston's many professional theatres. We will study the script of four to five plays before attending performances of those works. Students will gain insights on the world of theatre through backstage tours and conversations with theatre professionals such as producers, directors, actors, designers, playwrights, and critics. Students must be available for evening (usually Wednesday) performances. A fee for student-rate tickets will be assessed.

- **SF-132 The Beatles: Here, There & Everywhere**

Credits:

4.00

Description:

This seminar will investigate the impact and legacy of the Beatles. The Fab Four deserve our scholarly attention as musical innovators and as cultural avatars of the 1960s, an era that still exerts influence today. We will examine the many ways in which the Beatles rocked the establishment and became defining figures in post-war youth culture. We will also discuss other media (the visual arts, film, fashion, style) and fields of study (mass media, marketing, recording technology, copyright law, English history) using the Beatles as our guides.

- **SF-151 Getting Over It: Dealing With the Aftermath of Group Conflict/Mass Atrocity**

Credits:

4.00

Description:

Once violent conflict between two groups has ended, what is the best way to transition back to normality coming to terms with the past or simply moving on? To answer these questions we will examine the debates surrounding war crime tribunals, truth commissions, lustration policies, and reparations in the second half of the 20th century. Case studies will include post-apartheid South Africa, post-WWII Germany, and the Israeli/Palestinian conflict. We will discuss the philosophical problems raised by each of these instruments, as well as on the political, legal, and practical difficulties their implementation present. Cultural Diversity B

- **SF-156 The Mask Behind the Face: Personas, Personalities, and Perception. Acting in /Out Life**

Credits:

4.00

Description:

The theatre has always been a metaphor for life. In modern times life has become theatre. This seminar will confront the idea of real life and the eroding boundary between performers and audience. Students will study the roots of the contemporary obsession with stars and stardom, a mania that began in the 18th century and flourished in the 19th century. We will look at performance studies, performers memoirs, plays, and films that dramatize this dilemma.

- **SF-173 Crime in American Society**

Credits:

4.00

Description:

Popular beliefs about crime are often inspired by the media and by specific criminological theories. These theories about and media images of crime will be examined in detail, including the hits and misses.

- **SF-174 Tragedy and Literature**

Credits:

4.00

Description:

This course will focus on classic works of ancient and modern literature that examine the human condition from a tragic perspective. We will concentrate on close readings from the following texts: Homer's Iliad, Sophocles' Antigone, The Bhagavad-Gita, Shakespeare's Othello, Chekhov's short stories, and Joyce's Dubliners.

Type:

Classics Minor

- **SF-175 War and Apocalypse in Science Fiction**

Credits:

4.00

- **SF-178 Sacred Hoops & Sneaker Pimps: Understanding the American Hoop Dream**

Credits:

4.00

Description:

This course is about the basketball hoop dream played out at the high school and college levels. We will study a wide variety of materials - novels, films, websites, reference works - to understand both the construction, and destruction, of the hoop dream in such diverse places as New York City, Seattle, rural Indiana, suburban Georgia, and the Wind River Reservation in Wyoming. Issues of race and culture will serve as guiding themes as we develop critical theory explaining why the hoop dream has persisted, and adapted, over time, to fit the needs of its believers and supporters.

- **SF-182 Heroes, Antiheroes and Outsiders: Reading the Graphic Novel**

Credits:

4.00

Description:

How is it that comics", a genre often viewed as entertainment for children and adolescents, has become one of the most exciting forms of narrative and visual art? To answer this question, this seminar will examine a range of graphic novels, from those that celebrate their origins in superhero comics, such as Alan Moore's Watchmen, to those that treat subjects not usually considered proper to the comics genre, such as Art Spiegelman's Maus, about the Holocaust, and Alison Bechdel's Fun Home, about the complexities of sexual identity. As we read these works, we will look at how the combination of words and still images makes the graphic novel a unique storytelling form, as well as how artists and writers push the envelope to create new styles and challenge our expectations. In addition to class discussions and writing assignments, we will take a field trip to the Museum of Fine Arts and create a collaborative group graphic novel step-by-step over the course of the semester (all abilities welcome).

- **SF-183 Politics, Power and the Media**

Credits:

4.00

Description:

Is there a relationship between accumulated political power and mass media representations? Is news content impacted by existing political power relations? It is the object of this course to critically analyze the role of the mass media within the framework of existing political power relations in the United States. In particular, the course will focus on the role the mass media plays in promoting and reinforcing dominant political practices and ideologies. The course will begin by exploring various theories of the press, notably its function in a democratic society, as well as the concepts of power and propaganda. We will continue with a series of case studies, complemented by secondary sources that highlight how media representations affect the contemporary distribution of political power in the US. Topics of discussion will include the current US war on terrorism, the ongoing health care debate, the public disavowal of big government", and the concept of a liberal media.

- **SF-189 American Gothic: Edgar Allan Poe, Flannery O'Connor and Annie Proulx**

Credits:

4.00

Description:

This literature seminar will study and compare the short stories of Edgar Allan Poe, Flannery O'Connor, and Annie Proulx. Beginning with Poe as the father of the short story genre in America and exploring his critical theory of the grotesque and arabesque", the class will examine the emergence of the gothic literary idiom as a classic American genre. Critical essays on the gothic aesthetic will be analyzed and film adaptations and documentaries will be viewed.

- **SF-190 Asia in America Fiction and Fact**

Credits:

4.00

Description:

With a focus on some selected ethnic groups from Asia, Asia in America studies the history and current status of Asian Americans in Boston and other parts of the country. We will examine the major reasons why these immigrants chose to leave their home country as well as their expectations and experiences here in America. We will also discuss the issues Asian immigrants have faced in this adopted home as well as the connections and conflicts among different ethnic groups or even within the same ethnic group due to political and socio-economic reasons. The course will include some level of community engagement, through Chinatown tour and service, which may enable us to have a direct contact with the Asian American population and reflect on what is being discussed in class. Through this course, we hope to gain a better understanding of the racial and cultural history of the country and arrive at a deep appreciation of the dynamics of cultural interactions in the twenty-first century. The course fulfills the SCGP requirement.

Type:

- **SF-191 Film Adaptation Film Adaptation**

Credits:

4.00

Description:

Why did they change the ending of the book? The novel is so much better! We will explore the concept and industry of film adaptation. Students will read novels and watch respective film adaptations to explore how the written word is adapted to the screen; both fiction and non-fiction works will be considered. Also, field trips to past film locations in Boston will be taken to explore why specific settings were chosen for respective situations. Additionally, students will create their own written adaptations of source materials, putting into practice the concepts studied in class.

- **SF-197 Sustainability, Energy, and Technology At Suffolk University**

Credits:

4.00

Description:

In this project and team-based course, students study a sustainability problem at Suffolk University and spend the semester developing proposals to address the problem. At the end of the course students will present their proposals to Suffolk University's sustainability committee, and will exhibit their websites and visual aids in the Donahue lobby to educate the Suffolk community about sustainability. If their proposals are well-researched and well-communicated, students can see their ideas actualized while they are still undergraduates.

- **SF-198 Music and the Brain**

Credits:

4.00

Description:

What accounts for the power of music to move us so profoundly? This course explores how our brains and music evolved together: What music can teach us about the brain, what the brain can teach us about music, and what both can teach us about ourselves.

- **SF-199 Unfolding the European Union**

Credits:

4.00

Description:

The EU is a powerful political, economic and cultural block that is meant to play a major role, together with the USA and China, in the creation of a new post-crisis world order. The seminar is intended to cover, at a basic but reachable level, the history, the politics, the culture and the functions of the EU in the beginning of the Twentieth Century. An extraordinary experiment of sociopolitical engineering, comparable to that of the United States of America, the EU has been changing the life of an increasing number of Europeans for over 50 years. No American student could afford to ignore the inner structure as well as the particular peculiarities of such inclusive supranational organization in today's world. Issues as institutional functioning, problems derived from individual state sovereignty, economic coordination to face common challenges, cultural integration, future enlargement, etc. are all indispensable to understand the way in which Europe is changing. But also much more day-to-day issues, such as travel mobility, education exchange programs, citizen's participation, supranational networks of people in the arts or in business, unified labor market, gender participation, human rights, consumer's protection, etc. are all in the process of developing a more robust and functional European Citizenship.

- **SF-1110 Decoding Boston: Signs and the City**

Credits:

4.00

Description:

This interdisciplinary seminar will explore the buildings, monuments, sites, and signs around Boston from the point of view of Visual and Culture Studies. In addition to providing a compelling introduction to the history, major landmarks, and culture of the city, the seminar is specifically intended to improve students' visual literacy: that is, their awareness of their visual environment and their ability to critically analyze the rhetoric of the spaces, buildings, and images with which they are surrounded.

Type:

Local Engagement Experience

- **SF-1122 The Ethics of Peace and War: From The Ancient World to the Present**

Credits:

4.00

Description:

This course will explore historical, ethical and political issues concerned with matters of peace and war. We will examine a variety of different texts: religious, historical, philosophical and literary, but the main emphasis will be philosophical justifications for war and philosophical visions of just peace, with an eye to contemporary questions in the War on Terror. To the extent that we use non-philosophical texts, this will be in the service of focusing the imagination on the philosophical issues and applying theoretical frameworks to historical events.

- **SF-1127 The Vietnam and Iraq Wars: Polarized Perspectives**

Credits:

4.00

Description:

This class will examine some of the many controversies surrounding the Vietnam and Iraq Wars, two conflicts that have been profoundly polarizing for the American people. There are widely divergent perspectives regarding the fundamental questions surrounding each war. Were the reasons for American involvement just? To what extent were the methods used by the United States military during each war just? To what extent did the media play an appropriate role before, during, and after each war? Did opposition to these wars serve primarily to benefit the enemies of the United States or did it constitute a form of patriotism and love of country? This interdisciplinary course will address these and other complex questions by examining the histories, literature, and films (both documentaries and dramatic) that have been produced in response to these wars.

- **SF-1128 Sustainable Media**

Credits:

4.00

Description:

Contrary to a popular perception that information, communication and entertainment technologies are clean, ecologically benign and paperless, the reality of an increasingly digital life is that our fascination with the next best thing in mobile phones, video game consoles, personal computers, digital cameras, tablets, etc., has devastating impacts on our environment. These media devices are manufactured using toxic ingredients in poisonous working condition, require an abundance of energy to operate, and create hazardous waste when disposed. Media technology companies and the advertising industry that markets their wares have successfully persuaded consumers to accept rapid obsolescence and to highly anticipate the latest upgrade. But some consumers, electronics manufacturers, policy makers, and environmental groups are working to change the culture of consumption in favor of sustainable media practices that lessen the environmental footprint of the digital devices we use everyday. The purpose of this course is to understand the problem of unsustainable media, and the possible solutions for a sustainable media system.

- **SF-1129 Beacon Hill: Fact, Fiction, and Fantasy**

Credits:

4.00

Description:

The course will explore the physical geography, history, and image in literature, film, and pop culture of Suffolk University's Beacon Hill neighborhood. The purpose and objective of the course is to provide students with a deep knowledge, understanding, and appreciation of Beacon Hill through examination of written and visual sources, and feet-on and eyes-on experience of the public parts of the Hill.

Type:

Local Engagement Experience

- **SF-1133 Problems and Solutions in Early American History**

Credits:

4.00

Description:

This course will examine four major problems in the early American republic: forming a government; bridging vast distances on the American continent; slavery; international relations. We will explore the various proposed solutions to these problems. Some of the solutions worked well, others were more disastrous than the initial problem. We will read primary documents pertaining to these issues, and try to imagine how men and women considering the problems might have responded to them. What solutions could be proposed? What solutions would work? What were the political, economic, or social difficulties generated by the problem and by the proposed solutions? In considering the problems, we will also learn how to use the various archives close at hand: the Sawyer Library, the Boston Public Library, the Massachusetts Historical Society, and the Massachusetts State Archives. Students will also post their findings on a class blog, and present their work to one another in class.

- **SF-1134 The Meaning of Life**

Credits:

4.00

Description:

What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? This award-winning course offers a cross-cultural, interdisciplinary exploration of these questions through philosophical and religious texts, art, fiction, autobiography, and psychological studies. The course opens with the Old Testament's book of Ecclesiastes, followed by three units: 1) A Life Worth Living: Humanity's Ideals focuses on the ancient and modern visions of human flourishing; 2) Threats to Meaning: Humanity's Discontents, discusses the disillusionments leading to the loss of meaning; and 3) Recovery of Meaning: Crises and Hopes, explores the post-crisis possibilities of self-discovery and growth. Please visit <http://meaningoflife.cherkasova.org/>

- **SF-1135 Women Warriors: Stories of Captivity, Conversion, and Confession**

Credits:

4.00

Description:

Since the beginning of time, women have been doing battle to themselves, while men have gone to battle against others. Whether it is through converting to Christ, yielding to captors in order to survive, or carrying a baby, this course introduces students to the many ways in which, whatever battles they face, women are warriors; they survive. Utilizing an array of captivity, conversion, and confession narratives by women, and pairing them across the centuries, students will make connections and draw conclusions between early-and mid-19th-century-American and contemporary women. Students will connect, for example, the trials of the 17th-century Puritan captive, Mary Rowlandson, and contemporary hostage, Elizabeth Smart, to explore how women (no matter how different they seem) draw upon unique inner resources to survive.

- **SF-1141 Classical Civilizations: Pathways to Wisdom**

Credits:

4.00

Description:

How is it that the knowledge, intelligence, wisdom and values of the Greeks and Romans still educate and edify the world by providing venues towards leading fulfilling and dignified lives? The guiding principles of their respective civilizations rested upon eight pillars: - Humanism: It was recognized that humans have the potential to master their world and live life to the fullest. -The Pursuit of Excellence: To imagine the highest good and strive to attain it. - Self Knowledge: It is imperative to know oneself before seeking to know the world. - Rationalism: Always question, reason and discern truth from falsehood and never consider any matter superficially. - Restless Curiosity: Often the resolution of one issue leads to the revelations of others mysteries and pursuits which compels further investigation. The wise individual makes this a lifelong endeavor. -Love of Freedom: As long as one brings no harm to others, one must be free to live and discover as much as possible. - Individualism: All are unique and, therefore, must recognize individual strengths and identity. -The Practice of Moderation: The prudence of avoiding extremes in personal and social conduct. In this

course, students will read two (brief) texts on the Greek and Roman contributions to the world and then will proceed with specific readings which illuminate the eight principles above for achieving the good life.

- **SF-1143 In the First-Person: Storytelling in the 21st Century**

Credits:

4.00

Description:

This section of the Seminar for Freshmen will consider the forms, venues, and impacts of narrative nonfiction in contemporary culture. From the exploding popularity of personal essays in the digital age to the living, evolving essays we create on social media, we are constantly narrating and archiving our lives, shaping their content for specific audiences. In doing so, we shape what our experiences mean and represent. In order to analyze the power of narrative nonfiction, we will look at a variety of multimodal texts: essays, podcasts, Instagram and Twitter feeds, stand-up comedy, and storytelling slams, as well historical texts such as the essays of Michel de Montaigne and historical artifacts at the National Archives in Boston. We will also write our own narrative nonfiction, and adapt our first-person stories for listening and viewing audiences, such as the MassMouth story slam and podcasts like This American Life. Additionally, we will practice narrative nonfiction for professional audiences, using storytelling as a way to showcase personal strengths to employers, internship coordinators, and the like.

- **SF-1144 Native Americans: Walking in Two Worlds?**

Credits:

4.00

Description:

Native Americans are often described as walking in two worlds, as they attempt to navigate the process of maintaining their tribal identity and heritage while living in mainstream America. In recent years there has been a shift towards tradition and heritage, and a rejection of Western values and norms in both the US and Canada. In this course we will look at how Native people live in the US and Canada today, and examine the extent to which they are either trying to walk in two worlds or perhaps rejecting the two worlds model. To help us answer this question, we will read about reservation life, the Idle No More Movement, Indigenous History, and current events. We will also watch videos and explore indigenous culture.

- **SF-1145 Emergence of Southeast Asia**

Credits:

4.00

Description:

Explores the eleven countries and 600 million people of Southeast Asia starting with foundations- geography and environment- and then looking at the human imprint, in the form of the history, religions, and cultures of the region. An examination of contemporary issues related to demography, politics, and (especially) economics.

- **SF-1146 Fido the Friendly Wolf: A Natural History of Dogs**

Credits:

4.00

Description:

This course explores the evolution of dogs from wolves and the ways in which dogs have adapted to their niche in human society. The ecology, behavior, genetics, and adaptations of dogs will be explored in relation to both their wolf ancestry and artificial selection by humans. The course includes 2 mandatory field trips to a wolf sanctuary and an animal shelter.

- **SF-1147 Global (In) Security: From ISIS to Ebola**

Credits:

4.00

Description:

This course reviews the principal features of global and national security as it is currently practiced by tracing the evolution of theories, policies and circumstances whereby current international security is developed. Students will evaluate the nature and origins of war, arms proliferation, military instability, terrorism, genocide, health threats and natural resources depletion.

- **SF-1148 Brave New Worlds**

Credits:

4.00

Description:

Explores themes of adventure, self-discovery, exile, and culture shock in classic and contemporary travel writing (including fiction, poetry, and non-fiction) as well as film. Students will experiment with creative writing of their own, develop theories of cosmopolitan world citizenship, travel through the city of Boston on field trips, and team up to learn about different countries in Suffolk's global network of study abroad programs.

- **SF-1150 Religion in Contemporary Society**

Credits:

4.00

Description:

This course is design to provide students with an overview of the social settings and cultural meanings of religion in the contemporary world. Topics that will be covered in reading and discussions include the rise of religious fundamentalism, religion and violence, women's and men's religious experiences, new religions, and portrayals of religion in popular films. In addition to the readings, students will observe and experience religious expressions and activities through fieldwork assignments. The emphasis on films and fieldwork reflects my belief that religion is made up of lived experiences of actual individuals and communities. In order to understand religion in contemporary society we will make every effort to see (in person or in film) a wide range of religious activities. The films we will see include some of the following: Leap of Faith, Devil's Playground, Kadosh, Women of Hizballah, Singing Stream, A Still Small Voice.

- **SF-1151 Reproduction and Society**

Credits:

4.00

Description:

This course explores relationships between reproductive health and rights both nationally and internationally. Many of our topics fit into two broad areas: conflicts over the control of childbearing (sterilization abuse, birth control, and abortion) and conflicts over who deserves to be a mother, especially when the mothers in question face social stigma and lack political power. Other topics include safe birth and maternal mortality, breastfeeding, infertility and reproductive technology. We also examine the politics of women's sexual and reproductive autonomy, including the policies that shape women's choices to prevent, achieve, abort, or carry to term a pregnancy. Throughout, we are guided by the following questions: Why is reproduction an important site through which to understand society? How do statuses such as race, class, gender, sexuality and ability influence people's reproductive possibilities? What is the role of the state in shaping these experiences? How have communities supported or resisted efforts at reproductive control? Why is reproductive justice central to these answers?

- **SF-1152 The Idea of America: Past, Present, Future**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. The course will also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. Because this course intends to apply theoretical understanding to real life, students will be expected to read contemporary journalism on a regular basis and assess the controversies of today in the light of the nation's philosophical and historical currents.

- **SF-1153 Law, Disease, and Public Health**

Credits:

4.00

Description:

This course is about public health law, which is the study of the legal powers and duties of the various systems of government in the United States (federal, state, and local) in collaboration with their partners (e.g., health care, business, the community, the media, and academe), to ensure the conditions for people to be healthy (to identify, prevent, and ameliorate risks to health in the population), and of the limitations on the power of these systems of government to constrain for the common good the autonomy, privacy, liberty, proprietary, and other legally protected interests of individuals. The prime objective of public health law is to pursue the highest possible level of physical and mental health in the population, consistent with the values of social justice. The course will focus especially on public health law in the area of epidemic disease. Case studies will be made of the Great Influenza of 1918 and the origins and spread of the Ebola virus, culminating in an examination of outbreaks of Ebola in the United States.

- **SF-1154 Introduction to Visual Studies**

Credits:

4.00

Description:

This seminar provides an introduction to Visual Studies, a relatively new interdisciplinary field that examines how images communicate and the roles that they play in society. Students will apply the concepts and techniques of Visual Studies to analyze sites and signs around Boston, such as

advertisements, street signs, fashions, newspaper photographs, buildings, and public spaces. Class projects will increase students' awareness of their visual environment and their ability to critically analyze the visual rhetoric that surrounds us and is often used to manipulate us.

Type:

Local Engagement Experience

- **SF-1155 The Boston Olympics**

Credits:

4.00

Description:

This class will teach students about the key role that sporting events can play in building a city, building its brand and the politics surrounding the process of these things occurring. Topics may include: urban development in general and the transformation of the industrial to the post-industrial Boston; the way in which cities use events like the Olympics to build their place brands; the way an effort like the Olympics can be used to encourage large scale public investment in longer term infrastructure projects that otherwise might not be justifiable; and the way government works with interest and community groups to try to shape public policy.

- **SF-1156 Thinking About the Insanity Defense**

Credits:

4.00

Description:

This course examines sixteen case examples providing a clear and compelling introduction to one of the most important topics in the relation between public policy and law. This course addresses: the history of the insanity defense; the effects of different standards for determining insanity; the arguments for its retention; abolition, and revision; media and other responses to it; and the controversies around pre and post conviction commitment. The case examples illustrates a variety of outcomes and include individuals who were found not guilty by reason of insanity; found guilty even though mentally ill; and not charged because of mental illness.

- **SF-1157 Germany in Film and History, 1945-2015**

Credits:

4.00

Description:

Since 1945, Germany has had a lot of history to reckon with- and 21st century Germany history through film, newsreels and other archival footage, radio and TV shows, war memorials and museums built since 1945, novels, published diaries, and memoirs. We will also read recent historical scholarship to put these cultural texts in context. Topics include the representation, in film and other texts; of: post-war rebuilding, the German Economic Miracle; the building of the Berlin Wall; radical politics of the 1960s and 1970s; coming to terms since 1945 with Germany's Nazi past and the Holocaust; coming to terms since 1990 with the Stasi and East German past; Ostalgie (nostalgia in the 21st century for some aspects of East German socialism); the multicultural society that is Germany today, with new Turkish, Greek, Russian, Arab, and even Israeli communities.

• SF-1158 Global Climate Change

Credits:

4.00

Description:

Conversation about the weather is considered to be the universal icebreaker. Yesterday's sweltering heat, the storm predicted for this weekend, even long-term climate shifts find their way in our daily conversation. Today, however, such casual conversations have an edge to them, because we are realizing that humans play a role in determining the climate shift. In fact, understanding the human fingerprint in the Arctic tundra melting, or a devastating hurricane, has gone well-beyond small talk to become one of the most important challenges our society faces today, and on that is wedded to geopolitics. To meaningfully participate in any dialogue that addresses this challenge people have to be aware of certain key ideas of Physics and Planetary Science. The aim of this course is to provide you with some of the essential facts and pieces of science underlying such questions. This course will enable you to grasp many of the issues that dominate today's political discourse and to develop an informed opinion (your, not our!) for which you can rationally argue.

• SF-1160 Individuals and Society in the Zombie Apocalypse

Prerequisites:

CAS Freshmen Only

Credits:

4.00

Description:

The Walking Dead tells viewers that life in the zombie apocalypse requires people to fight the dead, fear the living. Sociologists want to know why we should fear the living. How do individuals come together and try to recreate society for themselves: either to build community or fight other groups? What role do morals and values have in a society? How does all of this determine life, death, and the struggles people must face? Questions like these will give our class a new view of The Walking Dead and can help us to learn more about the society that we live in where so far the dead have remained in the ground.

- **SF-1162 Space Missions: From Moon to Mars and Beyond**

Credits:

4.00

Description:

It is hard to believe that only 60 years ago, our only close-up view of a planetary body was that of Earth. We are truly living in the Golden Age of Space Exploration, when a new mission every few years brings us spectacular images from either a neighbor in the solar system or galaxies at the edge of the universe. This course will describe the dozen space missions that changed our view of the universe, ranging from our solar system to the most distant galaxies.

- **SF-1163 Spellbound! Witches, Wizards and Spirits In American Literature**

Credits:

4.00

- **SF-1164 Reinventing Europe: Beyond Brexit and Secular Stagnation**

Credits:

4.00

Description:

While newspaper headlines focus on the multiple problems Europe is facing today, the evolving adaptation of European nation states and the integration process receive less attention. Brexit and economic crises seem to be synonymous of Europe today, but facts such as the European Union accepting five new members in the coming five years or Europe being the most advanced environmental actor or the main international provider of official aid are often ignored by public opinion. This Seminar for Freshman examines the dynamic evolution of the integration process in Europe in the context of globalization. Three sections articulate the main debates and tensions in the interplay between national and supranational institutions and policies. The first part analyzes how eight European countries have forged their national preferences to delineate their level of immersion in the

integration process; it later proceeds with the examination of the main historical events in the history of the integration process. The second part explores the functioning of the EU institutions in order to grasp the essence of the complex policy-making in the Europe of 28 members. The third and final section presents the analysis of the main areas of the EU policy making such as agriculture, monetary and economic issues, among others, and observes the main developments in the area of EU external relations.

- **SF-1165 History of Boston**

Credits:

4.00

- **SF-1166 Cinema-Monde: Global Challenges on Film**

Credits:

4.00

Description:

This course focuses on French-language films - with subtitles! - that address pressing social issues of the 20th and 21st centuries, such as hunger, female genital mutilation, immigration, racism, economic inequality, genocide, gender, sexuality, colonialism and post-colonialism.

- **SF-1167 Fantasy Fiction: Imaginary Worlds**

Credits:

4.00

- **SF-1168 The Real Thing: the Pursuit and Problems Of Authenticity**

Credits:

4.00

Description:

This course will focus on the concept of authenticity in American culture, from its origins in the early 19th century to the present. When the advertising gurus of Coca-Cola branded it as "The Real Thing," they were exploiting something powerful: the idea of something real, stripped of any falsity or

illusion. Humans have always desired to know the world and others as they really are," but this desire is particularly strong in the modern world: witness the eagerness to discover one's true self," cut through the B.S., obtain the genuine article, and live authentically. In this course we will interrogate this pursuit of the Real Thing. In various ways, the texts we study both embrace authenticity as an ideal and also question its goodness, usefulness, or even its very possibility. We will thus confront a number of interrelated questions: Where does this desire for authenticity come from? What counts as authenticity," in life and in art? Is authenticity really a virtue to live by? How does it shape artistic and literary expression? Is there even such a thing as the real you This course will be divided into three units. In the first unit, Counterfeiters and Self-Made Men," we will study how a commitment to authenticity arises in antebellum American literature and culture during a time of rapid national expansion and invention. Readings will include texts by Henry David Thoreau, Ralph Waldo Emerson, Herman Melville, and P.T. Barnum. In the second unit, Authenticity and Contamination,"we will consider two major ways in which authenticity becomes idealized around the turn of the 20th century: as artistic ideal set against fears of mass cultural production, and as a cultural ideal set against fears of racial and cultural mixing. Readings will include texts by Ernest Hemingway, Nella Larsen, Jean Toomer, and William Carlos Williams. In Unit Three, Buying and Selling Authenticity," we will examine how authenticity becomes commodified (

- **SF-1169 Immortality: Real and Imagined**

Credits:

4.00

Description:

Most of the world's religious traditions have as a part of their doctrines some notion of immortality, rendered both in scriptures as well as iconographically. What precisely is entailed by immortality and why does it constitute such a significant element of so many religious traditions? What can we learn about immortality by investigating various conceptions of the afterlife? Is immortality truly a desirable thing? These questions among others will be examined from the perspectives of philosophy, religion, psychology, anthropology, and biology. Besides being cross-disciplinary, the course will be multi-media in nature. In addition to reading philosophical and religious texts concerning the nature of immortality, students will study various accounts of immortality and the afterlife, examine how the afterlife has been dealt with in (visual) art, literature, and film, and investigate current research into life prolongation (biomedical gerontology).

- **SF-1170 From Philia to Facebook: the Meaning of Friendship**

Credits:

4.00

Description:

The thematic focus of this seminar will be friendship. Friendship is one of the most important of human relationships; one that every student in this seminar has already participated in for many years. It shapes who we are and helps determine who we may become. And while it is a universal phenomenon, it has been practiced quite differently at various times and places in human history. And while we all have an intimate, personal and

practical knowledge of friendship through our own experiences, sometimes things that are so close and so obvious to us can be hard to see. Over the course of the semester we will inquire into friendship from many different angles, trying to gain both a broader and a deeper understanding than our own individual experience allows. We will look at friendship first through the lens of philosophy, particularly through the foundational text of Aristotle, *The Nicomachean Ethics*. We will look at other views of friendship from the ancient world, starting in the past to help us see that friendship has not always been thought of the way we think of it now. After this initial foundation is laid, we will examine other writers and thinkers and take up additional topics like friendship in different cultures, friendship and gender, friendship in and through the arts and include an examination of friendship through the lenses of many different academic disciplines to see how other systematic thinkers conceive of friendship. All along we will be comparing and contrasting with our own personal experiences and considering what modern technology, such as social networking sites, has done to influence friendship, in the way we practice it and the way we conceive it. It is the aim of this class that students not just study different academic points of view, but that they take up the questions and challenges that these thinkers present to them and fully engage with them on a meaningful personal level.

- **SF-1171 Living on and Beyond the Hyphen/Latino Writers in the USA**

Credits:

4.00

Description:

Hyphenated-Americans of Latino origin come from many places and backgrounds. Often perceived as a divide, an either/or that separates and distinguishes one ethnic group from another, the hyphen can also be viewed as a link that connects, integrates and facilitates the formation of new cultural spaces. Through films and written narratives by and about U.S.A. Latino(a)(x)-Americans, students will examine how individuals who live on the threshold between two languages and cultures embrace the challenge of preserving their own identity and moving beyond stereotypes. Each of the Latino/a/x authors that we will read in this course will describe his/her own experiences living in the U.S.A. By examining their views through our own filtered lens we shall try to answer questions like the following: 1. What role does language have in our definition/understanding of cultural identity? 2. How do individuals move beyond the hyphen and stop seeing themselves as hybrids? 3. How can an individual who does not belong to a marginalized group (i.e. one considered less powerful and secondary) understand and empathize with those who do? 4. How does globalization affect the dichotomies that arise in bi-cultural and multi-cultural communities?

- **SF-1172 The United States Mexican Border**

Credits:

4.00

Description:

One hundred and sixty nine years have passed since the Treaty of Guadalupe Hidalgo was signed. It is only fitting to analyze the profound changes that the gain/loss of these territories caused for the citizens of both sides of the border. This course will explore the literature, culture, and history of the United States-Mexican Border and the most pressing problems pertaining to the region. Emphasis will be on contemporary border theater and film.

The works of Salcedo, Galindo, Lopez and others will be studied as well as contemporary films and documentaries such as *Alambrista*, *Senorita Extraviada*, *The Gatekeeper*, *Sin Nombre*, *Wetback: the Undocumented Documentary*, *Victoria para Chino*, *Which Way Home*, and much more. There are no prerequisites for this course. Though the course is conducted in English, parallel readings in Spanish will be made available to those who wish to read and/or compare the original texts.

Students in the CAS Honors Program should choose one Seminar for Freshmen course from those listed below:

- **SF-H101 Fixing the World- Energy and Water: The Science of Solutions**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

Two of the most daunting challenges the world faces (or will face) is how to provide for both its growing energy needs and potable drinking water. Regular news events include climate change, droughts, flooding, and petroleum struggles. Human nature often requires a severe crisis before it responds. This course will investigate the historical science driving the use of energy since the Industrial Revolution to convert energy resources into work, including the steam engine, the electric motor, and the internal combustion engine. It will also consider alternative energy options to fossil fuels, such as solar, wind, geothermal, and ocean power. Along the way we will consider the evidence for Global Warming and Climate Change. We will look into human nature, simple life styles, conspiracy theories, and the influence of those in power to shape human opinion. We will also consider how our water supply is provided and where it goes after being used. What options do developing countries or drought racked areas have to remedy their water needs? Although the course pursues a scientific understanding of these issues, the mathematics used will be gentle, and a larger emphasis will be placed on the intuitive appreciation of these concerns.

- **SF-H116 Enlightened Insanity**

Prerequisites:

CAS Honors students only.

Credits:

4.00

Description:

Rain or shine, the great 18th century Enlightenment philosophers would meet at the famous cafes of Paris to discuss their ideas, and to observe and criticize society. From these informal debates emerged ideas that are at the core of our modern understanding of the nature of society, marginality, human nature, civil rights, the essence of creativity and genius. Come join us in the quest to understand, define, observe, and analyze the key ideas and concepts of these great thinkers, such as Rousseau, Diderot, and Voltaire, still so relevant in our time. We will read key works of these creative thinkers and philosophers. We will enrich our experience and understanding through the use of film, theatre performances, museum visits, as well as the occasional cafe debate.

Type:

Honors

- **SF-H126 The Boston Theatre Scene: The Inside Experience**

Credits:

4.00

Description:

Using the current Boston theatre season as its syllabus, this writing- and analysis-intensive course will explore several plays in production at some of Boston's many professional theatres. We will study the script of four to five plays before attending performances of those works. Students will gain insights on the world of theatre through backstage tours and conversations with theatre professionals such as producers, directors, actors, designers, playwrights, and critics. Students must be available for evening (usually Wednesday) performances. A fee for student-rate tickets will be assessed.

Type:

Honors

- **SF-H178 Sacred Hoops & Sneaker Pimps: Understanding the American Hoop Dream**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This course is about the basketball hoop dream played out at the high school and college levels. We will study a wide variety of materials - novels, films, websites, reference works - to understand both the construction, and destruction, of the hoop dream in such diverse places as New York City, Seattle, rural Indiana, suburban Georgia, and the Wind River Reservation in Wyoming. Issues of race and culture will serve as guiding themes as we develop critical theory explaining why the hoop dream has persisted, and adapted, over time, to fit the needs of its believers and supporters.

Type:

Honors

- **SF-H182 Heroes, Antiheroes and Outsiders: Reading the Graphic Novel**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

How is it that comics", a genre often viewed as entertainment for children and adolescents, has become one of the most exciting forms of narrative and visual art? To answer this question, this seminar will examine a range of graphic novels, from those that celebrate their origins in superhero comics, such as Alan Moore's *Watchmen*, to those that treat subjects not usually considered proper to the comics genre, such as Art Spiegelman's *Maus*, about the Holocaust, and Alison Bechdel's *Fun Home*, about the complexities of sexual identity. As we read these works, we will look at how the combination of words and still images makes the graphic novel a unique storytelling form, as well as how artists and writers push the envelope to create new styles and challenge our expectations. In addition to class discussions and writing assignments, we will take a field trip to the Museum of Fine Arts and create a collaborative group graphic novel step-by-step over the course of the semester (all abilities welcome).

Type:

Honors

- **SF-H197 Sustainability, Energy, and Technology At Suffolk University**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

In this project and team-based course, students study a sustainability problem at Suffolk University and spend the semester developing proposals to address the problem. At the end of the course students will present their proposals to Suffolk University's sustainability committee, and will exhibit their websites and visual aids in the Donahue lobby to educate the Suffolk community about sustainability. If their proposals are well-researched and well-communicated, students can see their ideas actualized while they are still undergraduates.

- **SF-H1134 The Meaning of Life**

Prerequisites:

CAS honors students only.

Credits:

4.00

Description:

What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? This award-winning course offers a cross-cultural, interdisciplinary exploration of these questions through philosophical and religious texts, art, fiction, autobiography, and psychological studies. The course opens with the Old Testament's book of Ecclesiastes, followed by three units: 1) A Life Worth Living: Humanity's Ideals focuses on the ancient and modern visions of human flourishing; 2) Threats to Meaning: Humanity's Discontents, discusses the disillusionments leading to the loss of meaning; and 3) Recovery of Meaning: Crises and Hopes, explores the post-crisis possibilities of self-discovery and growth. Please visit <http://meaningoflife.cherkasova.org/>

Type:

Honors

- **SF-H1135 Women Warriors: Stories of Captivity, Conversion, and Confession**

Credits:

4.00

Description:

Since the beginning of time, women have been doing battle to themselves, while men have gone to battle against others. Whether it is through converting to Christ, yielding to captors in order to survive, or carrying a baby, this course introduces students to the many ways in which, whatever battles they face, women are warriors; they survive. Utilizing an array of captivity, conversion, and confession narratives by women, and pairing them across the centuries, students will make connections and draw conclusions between early-and mid-19th-century-American and contemporary women. Students will connect, for example, the trials of the 17th-century Puritan captive, Mary Rowlandson, and contemporary hostage, Elizabeth Smart, to explore how women (no matter how different they seem) draw upon unique inner resources to survive.

Type:

Honors

- **SF-H1146 Fido the Friendly Wolf: A Natural History of Dogs**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This course explores the evolution of dogs from wolves and the ways in which dogs have adapted to their niche in human society. The ecology, behavior, genetics, and adaptations of dogs will be explored in relation to both their wolf ancestry and artificial selection by humans. The course includes 2 mandatory field trips to a wolf sanctuary and an animal shelter.

Type:

Honors

- **SF-H1148 Brave New Worlds**

Prerequisites:

Restricted to CAS Honors students

Credits:

4.00

Description:

Explores themes of adventure, self-discovery, exile, and culture shock in classic and contemporary travel writing (including fiction, poetry, and non-fiction) as well as film. Students will experiment with creative writing of their own, develop theories of cosmopolitan world citizenship, travel through the city of Boston on field trips, and team up to learn about different countries in Suffolk's global network of study abroad programs.

Type:

Honors

- **SF-H1152 The Idea of America: Past, Present, Future**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. The course will also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. Because this course intends to apply theoretical understanding to real life, students will be expected to read contemporary journalism on a regular basis and assess the controversies of today in the light of the nation's philosophical and historical currents.

Type:

Honors

- **SF-H1161 The Playwright and the Stage**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This writing and script analysis intensive course will explore plays across a range periods and styles. The scripts of five plays will be studied and we will attend performances of two of those works at professional theatres in Boston. Other activities will range from a backstage tour to conversations with theatre professionals such as producers, directors, actors, designers, playwrights and critics, in order to lift the script off the page and provide a living experience of theatre. Requires students to be available for evening (usually Wednesday) performances. A fee for tickets at student rates will be assessed.

Type:

Honors

Minimum Total Credits Required for Degree Conferral: 124 credits



2017-2018 Archived Catalog Information

Bachelor of Fine Arts Degree

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All BFA degree programs require the successful completion of the following courses:

Core Requirements: 12 courses, 47-48 credits

- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts](#)

First-Year Writing: 2 courses, 8 credits

- WRI-101 First Year Writing I

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- **WRI-102 First Year Writing II**

Prerequisites:

WRI-101 or ENG-099 with at least a B and ENG-P099 with a P or WRI-H103

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

A student may be assigned to other writing courses or may be invited to take WRI-H103. Students required to complete ENG-099 may be allowed to waive WRI-101 with a grade of “B” or better and the approval of the English department. Students who are invited to complete WRI-H103 and earn a “B” or better satisfy the two Writing Requirements. Waiving a course does not earn credits.

- **WRI-H103 Advanced First Year Writing**

Prerequisites:

By Invitation Only.

Credits:

4.00

Description:

This course is by invitation only and reserved for incoming Suffolk students with high admission scores. Advanced study and practice of writing process, revision, and research, based on close readings of a variety of texts. Fall semester only.

Type:

Honors

Minimum Total Credits Required for Degree Conferral: 124 credits



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- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts](#)

Creativity & Innovation: 1 course, 4 credits

The Creativity & Innovation requirement is satisfied by completion of the BFA Foundation Studies requirement of ADF-S171 or ADF-S172.

- ADF-S171 CI: Integrated Studio 1

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

Type:

Creativity and Innovation, Arts Admin Minor Elective

• ADF-S172 CI: Integrated Studio II

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

Type:

Creativity and Innovation



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- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts](#)

Math: 1 course, 4 credits

Choose one Math course from those listed below:

- MATH-128 Math for the Modern World

Prerequisites:

MATH level 2, or Mathshop, or MATH-104

Credits:

4.00

Description:

From the ISBN on a book, to buying a car, from the size of small chips in a cell phone, to the size of the national debt, or just reading a graph in the daily newspaper, mathematics plays an important and vital role in countless areas of life and your future career and courses included. Mathematics is both an art and a tool created by humans. The common bond is a way of thinking and a way of reasoning to describe and solve problems of many types. This course uses the context of modern real life problems to introduce math needed for literacy and problem solving in contemporary life and work. It uses a minimal amount of algebra and focuses on math models, concepts and basic math manipulations. It encourages students to move from anxiety about math, to using formulas well, to thinking critically in the math context to use math to solve problems and pose new problems. Topics include scientific notation, basic financial math, linear, exponential and polynomial models and an introduction to probability. (Formerly Math 132)

• MATH-130 Topics in Finite Mathematics

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

• MATH-132 Math-Art, Tool and Human Side

Prerequisites:

MATH-000 or appropriate Math Placement Exam score. Course does not fulfill math requirement for SBS majors.

Credits:

4.00

Description:

Mathematics is both an art and a tool. It has been used in many ways in contemporary and ancient society. The common bond is a way of thinking and a way of using reason to solve problems and describe things of all sorts. The course is designed to cultivate an appreciation of the significance of mathematics in daily life and develop students' mathematical reasoning. Topics will vary from section to section. Examples of topics that might be included are: the real meaning of a newspaper graph, methods to tally votes, fair division, routes and networks, consumer mathematics, the 'real' cost of a house, shapes and patterns, fractals, soap film surfaces, prime numbers and encryption, new discoveries in mathematics.

- **MATH-134 Calculus for Management & Social Sciences**

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-164 Calculus 1 Bridge With Trigonometry**

Prerequisites:

Permission of Instructor

Credits:

4.00

Description:

This course provides an alternative to MATH 165 (Calculus I) for those students who have taken MATH 134 (Calculus for Management and Social Sciences) but who do not have the trigonometric precalculus prerequisite (such as MATH 121) for MATH 165. In other words, the sequence MATH 134 / MATH 164 serves as an alternative to the sequence MATH 121 / MATH 165, and similarly prepares students to take MATH 166 (Calculus II). The course includes a thorough review of trigonometry and other precalculus topics. Aspects of limits and differentiation which students have already seen in MATH 134 are presented briefly, but in most cases with more emphasis on conceptual understanding, and often illustrated using more complicated examples. New calculus topics (i.e. not covered in MATH 134) include one-sided limits, special trigonometric limits, differentiability, derivatives of trigonometric functions and their inverses, derivatives of general inverse functions, logarithmic and implicit differentiation, related rates, L'Hopital's rule, intermediate values theorem, Rolle's theorem, mean values theorem, Newton's method, and linearization. 4 lecture hours plus 1 recitation session each week. Normally offered in spring.

• MATH-165 Calculus I

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-166 Calculus II

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

Minimum Total Credits Required for Degree Conferral: 124 credits



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- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts](#)

Social, Cultural, & Global Perspectives: 1 course, 3-4 credits

Choose one SCGP course from those listed below:

- ADPR-217 Gay and Lesbian Studies

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social, and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions, and social movements.

Term:

Alternates Fall & Spring

- **ADPR-219 Rhetoric of Protest and Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **ARH-205 Gender, Class and Alterity in Ancient And Medieval Art**

Credits:

4.00

Description:

Explores issues of sexuality, gender, race, and social class in the ancient and medieval worlds. Examines key artworks from ancient Greece, the Roman Empire and medieval Europe within historical, social and cultural contexts.

- **ARH-321 Women, Art & Society**

Credits:

4.00

Description:

Surveys women artists from the sixteenth century to the present and examines new direction in art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

- **AS-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Both Fall and Spring

Type:

Asian Studies, Social & Intellectual HST

- **AS-500 Asian Studies Internship**

Credits:

4.00

Description:

Engages in an internship in a business or non-profit organization that deals with Asia or an Asian American community. Students may complete the internship either in Asia or in the U.S. Students will complete appropriate exercises and reports to document their learning. (1 course, 4-12 credits; can be taken multiple times in different semesters)

Term:

Offered Both Fall and Spring

Type:

Global Engagement Experience

- **BLE-325 Global Business Ethics**

Prerequisites:

BLE-215, PHIL-119, PHIL-120, PHIL-123 or PHIL-127

Credits:

3.00

Description:

Surveys business ethics as they transcend the diverse perspectives of global business. Explores current global ethics standards and values, ethical challenges, controversies, convergence and trends. Students explore famous global business cases through films, websites and independent research. Emphasizes identification and resolution of global business ethical issues within the context of ethical decision-making and sustainability. Analyzes corporate social responsibility ; hence, transforming global business ethics through business.

Type:

Global Engagement Experience

- **BLKST-250 Haiti, Guadalupe and Martinique**

Credits:

4.00

Description:

This course explores the rich intellectual tradition of Haiti, Guadeloupe, and Martinique by considering historical moments linked to colonialism, the abolition of slavery, the representation of gender, departmentalization, and decolonization through essays, films, poems, novels, and short stories by critics and writers from the 19th-21st centuries.

• CI-204 Prague: Castles to Barbwire

Prerequisites:

At least 24 credits earned.

Credits:

3.00

Description:

Prague offers students a more recent view into history and will serve as a backdrop to learning Design Thinking. The curriculum will use Czech and Central European cultural features as the inspiration for learning the creative process, skills that can be applied broadly and globally across disciplines. WWII and its fall to Communism left the Czech Republic undamaged. Artists played a vital part in the country's rise to a Republic during the Velvet Revolution. These dissidents, including writers, actors, artists and musicians were innovators who were the catalyst for change. One could say that creative minds changed this country. This course is designed to demystify the creative process by introducing the creative practice as a disciplined approach to problem solving and innovation requiring research. This one-month study abroad experience will offer a more worldly insight to the significance of developing skills where divergent thinking and risk taking are one of many key tools in learning to generate new ideas. Travel fee covers accommodations, transfers, some meals and cultural visits. Airfare and tuition not included.

Type:

Creativity and Innovation, Global Engagement Experience

• CJN-216 Intercultural Communication

Credits:

4.00

Description:

An examination of communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures.

Term:

Offered Both Fall and Spring

- **CJN-225 World Cinema**

Credits:

4.00

Description:

An introductory course in film studies with a focus on foreign films. Movies studied include masterpieces of cinema from Europe, Asia, the Middle East, and other nations (Films have subtitles).

Term:

Alternates Fall & Spring

- **CJN-281 Asian Popular Culture**

Credits:

4.00

Description:

Students critically analyze Asian popular culture since the 1980s using a cultural ethnographic approach. Students apply the lenses of gender, identity, globalization, and business strategies to examine pop phenomena such as Korean Wave, Cool Japan, and Cantonese popular music.

Term:

Occasional

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

By examining the film texts of Hong Kong auteurs such as John Woo, Wong Kar-wai, Tsui Hark, Andrew Lau, and Alan Mak, the course examines issues such as film genres, colonization/decolonization, transnational political economy, the Greater Chinese media market, and the diaspora.

Term:

Occasional

- **CJN-301 Documentary Film and the Image of Conflict in the Middle East**

Credits:

4.00

Description:

The course focus is on some of the divisions and conflicts within Israeli society. Students analyze and compare mainstream media discourse to alternative representations in documentary film. Analysis also covers media representation of the Israeli-Palestinian conflict.

Term:

Occasional

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

A critique of the circulation of media goods and ideologies from both a cultural and political/economic perspective. Topics include global Hollywood, the images of Muslim women in transnational media, the information society, and global social movements.

Term:

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Asian Studies

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **ENG-124 Great Books of the World II**

Credits:

4.00

Description:

This course will introduce students to a selection of Great Books from around the world from the 17th century to the 21st, such as Don Quixote (Spain), Madame Bovary (France), The Communist Manifesto (Germany), The Origin of Species (England), War and Peace (Russia), On Dreams (Austria), Night (Hungary), Things Fall Apart (Nigeria), Satyagraha (India), I Am Prepared to Die (South Africa), Saeed the Pessoptomist (Israel), The Rouge of the North (China), and The House of Spirits (Chile). Readings may vary at the discretion of the instructor.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **ENG-135 World Literature in English**

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

- **ENG-362 Asian American Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

Asian Studies

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continues to review grammar, practice speaking, and explore authentic cultural and literary texts in this writing-intensive course. Examines short readings, films, and print media.

Term:

Offered Spring Term

Type:

Modern Language

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

Explores the francophone world through the study of short stories, print media, and film, by engaging with the rich textured and diverse francophone literary canon. Teaches advance notions of French grammar, write compositions, and the art of conversation related to cultural themes.

Term:

Alternates Fall & Spring

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

Masterpieces of French and Francophone Literature in English Translation. Studies works translated into English by major authors from the Middle Ages to the present. Explores drama, fiction, and poetry from many regions of the world: Africa, Western Europe, North America, the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Studies in Literature

- **GVT-208 Politics / Religion**

Credits:

4.00

Description:

This course explores what major religions say about the status and responsibilities of the state and how, in turn, selective states have, in theory and practice, structured the place of religions in political life. Particular attention is given to issues of politics and religion in the United States. Cultural Diversity A

- **GVT-115 Evolution of the Global System**

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

Type:

Human Behavior & Societies

- **GVT-281 Intro to Comparative Politics**

Prerequisites:

GVT 110, GVT 115, and GVT 120 or consent of instructor; Sophomore status or higher

Credits:

4.00

Description:

This course examines various methods of comparing political systems. Institutions such as executive departments, legislatures, court systems and local governmental systems are examined comparatively. It includes analysis of the impact of different economic systems on political/governmental institutions, and on economic circumstances that impact government. It also looks at political socialization both in terms of process and comparative content. An effort is made to include countries from all regions of the world. Normally offered every year.

- **GVT-359 Hockey, International Development & Politics**

Credits:

4.00

Description:

This class examines the way in which national identity, global and regional economics and international development intersect. It uses the professionalization of the sport of hockey and its subsequent spread around the globe as its case. It will look at the rise of the pro game, the way in which it shapes national identity in the Canadian case, the way in which the pro business model has changed in response to broad socio-economic changes in North America and geo-political shifts around the globe, especially in Eastern Europe and the Former Soviet Union.

• GVT-360 Elections and Voting

Credits:

4.00

Description:

How are elections administered in the United States? Do Americans have confidence in the electoral process? Should they? Why or why not? This course will examine elections in the United States in detail -- from how they are funded to how they are administered to how voters behave. Students will have a choice of either serving as poll workers during the November election or organizing and conducting research of potential voters. Students will gain hands-on experience in actual research design, election administration, and non-partisan get-out-the-vote activities. In addition, students will gain a deeper understanding of the relationship between attitudes, opinion, and voting behavior in American politics and institutions. ECR

• GVT-391 Canada: Multicultural Politics

Prerequisites:

GVT 110/120 or Instructor's permission

Credits:

4.00

Description:

This course examines the Canadian model of incorporating diverse communities into its constitutional and political framework, including the founding British North American Act of 1867, the 1982 Constitution Act, and two later attempts at constitutional reform. Canada's role in balancing two official languages, English and French, is discussed, as is its recognition of a First Nations native-governed territory in the Arctic. This course introduces students to the Canadian polity and compares its parliamentary system with the U.S. separation of powers system. Prerequisites: GVT 110, GVT 120 or instructor's consent. Normally offered alternate years. Cultural Diversity B

- **GVT-467 Comparative Social Movements**

Prerequisites:

Junior status

Credits:

4.00

Description:

How do we explain the appearance or absence of social movements? What social or individual factors explain their development and decline? Who joins social movements? Who does not? Why? What ideas or ideals animate those who do participate? What is it like to be part of a social movement? What effect do they or have they had on politics, power and efforts at social change? These are some of the questions that have traditionally shaped debates over social movements, both domestically and internationally. They will form the analytical core of the work in this course. By critically evaluating several competing schools of thought in social movement theory and history we will attempt to highlight the social forces that have, at varying points in times, facilitated, maintained, as well as blocked the development of social movements in the US and beyond.

- **HST-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, the Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Fall Term

- **HST-246 History of Modern Iran**

Credits:

4.00

Description:

Examines the contemporary history of Persia (Iran) from the time of its independence in the beginning of the sixteenth century to the present with special concentration on geographical/historical background; social structure, ethnic, religious, and linguistic diversities; Safavid and Qajar dynasties; Anglo-Russian interventions and occupations; constitutional revolution and reform; centralization, secularization and modernization under Pahlavi dynasty; opposition to westernization and Islamic revolution.

- **HST-247 History of Modern Middle East**

Credits:

4.00

Description:

Explores the broad historical forces, conflicts and major events that have shaped the contemporary nations of the modern Middle East. Topic include: the emergence of the modern Middle East from the empires of the sixteenth and seventeenth centuries; the age of colonialism; the rise of nationalism; socialism, capitalism; the impact of Israeli and Palestinian conflict on the region; oil, the Islamic Revolution in Iran and the rise of Islamic fundamentalist movements; U.S. policy; and Saddam Hussein's Iraq.

Term:

Offered Fall Term

- **HST-251 Modern East Asia**

Credits:

4.00

Description:

China, Japan, and Korea - East Asia's critical players - share many historical influences, but each has a distinct culture, and they competed with each other for much of the twentieth century, proud of their achievements but feeling threatened by their neighbors. Lectures interspersed with movies and documentaries to show how East Asia has developed in the past one-hundred-plus years.

Type:

- **HST-263 Comparative Race Relations**

Credits:

4.00

Description:

Compares and analyzes the history of race and politics in South Africa and the United States from the 17th century to the present. Examines how race as a social and ideological construct influenced and informed political conflicts over land, labor, and social relations in the two countries including slavery, segregation, apartheid, and the struggle to create racial democracies.

Term:

Offered Fall Term

- **HST-268 History of the Mediterranean**

Credits:

4.00

Description:

Explores the history of the Mediterranean from the ancient times to the 20th century, with emphasis on the extraordinary interaction between the rich cultural, ethnic and religious backgrounds of the peoples of Europe, Middle East, and North Africa.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-274 Women in 19TH-CENTURY Europe**

Credits:

4.00

Description:

Explores the condition of European women from 1800 to 1914. Readings focus primarily on women's experiences in France and Great Britain. Topics include: the effects of industrialization on the lives of working-class women; working and middle-class women's negotiation of marriage, work, and family life; the rise of feminism, women's greater participation in the public sphere, and conservative reaction to these changes in women's place in society; women and crime; Victorian ideas about female sexuality; the politics of class and gender in nineteenth-century European society.

Term:

Occasional

- **HST-275 Women in 20TH-CENTURY Europe**

Credits:

4.00

Description:

Examines the changing place of women in European society since 1900. Topics include: women's suffrage and the political advances of the 1920s and 1930s; the revolution in sexual mores, birth control, and the rise of companionate marriage; women and the consumer economy; the anti-woman policies of Fascist Italy and Germany under National Socialism; liberation of women and retrenchment in the Soviet Union; World War II; feminism, sexual liberation, and women's political engagement since the 1960s; and, throughout the twentieth century, women's continuing negotiation of work and family responsibilities.

Term:

Occasional

- **HST-321 History of Islam**

Credits:

4.00

Description:

Presents a coherent account of the origin and history of Islam since its foundation in Arabia in the seventh century A.D. to the present. Analyzes the terms, events, characteristics, developments, movements, and institutions that have been part of the shaping of Islam. Ideological challenges and impact of Islam in the world today from both spiritual and political perspectives are examined.

Term:

Occasional

- **HST-371 U.S. Women's History Colonial to 1865**

Credits:

4.00

Description:

Traces the roles, images and experiences of women in America from colonial times to 1865. Topics include the family, work, religion, education, health care, motherhood, sexuality, social and political activism legal status, labor activism and popular culture. With attention to ethnicity, race, class, age, region of residence, disability and sexual orientation, the course focuses primarily on the everyday lives of ordinary women.

Term:

Offered Fall Term

- **HST-372 U.S. Women's History: 1865-present**

Credits:

4.00

Description:

Examines the social and cultural history of women in the United States from the close of the Civil War to the present. Using not only gender but also race, ethnicity, class, age, disability, region of residence, and sexual orientation as important categories of analysis, this course focuses on women's private and public lives. Topics include the family, work, religion, education, health care, private lives, motherhood, sexuality, social and political activism, legal status, labor activism, and popular culture.

Term:

Offered Spring Term

- **HST-484 History of the Emotions**

Credits:

4.00

Description:

Explores ideas about emotional life from the fields of history, anthropology, sociology, and psychology as well as the evolution of emotion rules and prescriptions, focusing on western Europe and the United States since 1700. In the eighteenth century, emotions were seen as a positive influence on politics and public life, especially during the French Revolution. After the fall of Robespierre, the emotions were banished to the private sphere - so we will read both primary sources and recent scholarship on 19th- and 20th- century ideas about masculinity and femininity, romantic love and marriage, childrearing, and about what parents and children are supposed feel toward each other, how ideas about these subjects have changed over time, and whether our feelings change with them.

Term:

Occasional

- **MUH-223 World Music**

Credits:

4.00

Description:

Covers topics in folk, traditional, and modern music of Africa, the Middle East, Asia, and Europe in the context of the cultures and lives of the indigenous peoples of those regions; examines how music interacts with the issues of race, gender, class, religion, politics, and social movements. Normally offered every other year.

Term:

Occasional

- **P.AD-201 Social Change**

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

- **P.AD-H201 Honors Social Change**

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

Type:

Honors

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

- **PHIL-228 Feminist Philosophy**

Credits:

4.00

Description:

This course is an introduction to the philosophy of feminist thought. Feminist theories of epistemology, metaphysics and morality will be examined as critiques of traditional philosophy,. Feminist perspectives and methodologies include radical, liberal, postmodern, as well as more recent trends in ecofeminism. Special emphasis will be placed on explicit and implicit practices of alienation and exclusion as they have unfolded in the gendering of thought, truth, and reality. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

- **PHIL-229 Eco-Feminism**

Prerequisites:

PHIL 119, or PHIL 123, or PHIL 127

Credits:

4.00

Description:

Examines the political, social, and ecological problems facing us as a global community. Having its roots in feminist theory and deep-ecology, eco-feminism provides a critical framework for ecological responsibility and accountability. Writings from eco-feminist thinkers and environmental activists around the world will be used to highlight the philosophical and political conflicts and challenges, including globalization and loss of biodiversity, global warming, international human rights, the relationship of gender and nature, and modes of redress for eco-justice and sustainable development.

- **PHIL-261 Eastern Philosophy**

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered

alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-262 Buddhism**

Credits:

4.00

Description:

An historical survey of Buddhist philosophy. We will explore Buddhist origins, central teachings, devotional and meditational practices, ritual and institutions as developed from classical to modern times. Special attention given to the philosophical diversity of the Buddhist world view. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-265 Women in Spirituality**

Credits:

4.00

Description:

An exploration into the various dimensions and ideologies concerning the role of the feminine in relation to the Divine. Belief systems, myths and archetypes from ancient Goddess worship to 20th century feminist theology will be examined in terms of the philosophical content and psychological

consequences. Special emphasis will be placed on feminist metaphysical structures for understanding consciousness and Reality. Classes will be conducted by means of lectures, primary and secondary texts and class discussions. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **PHIL-267 Chinese Philosophy**

Credits:

4.00

Description:

A survey of the main developments in Chinese Philosophy. The course begins with the early dynastic concept of humanism and then turns to Confucius and Mencius. Having developed the central Confucian doctrines, students next examine the Taoist response to Confucianism in the writings of Lao Tzu and Chuang Tzu. The course then considers Zen Buddhism, which is called Ch'an Buddhism in China, where it originated. In particular, students study the concept of sudden enlightenment before turning to the Neo-Confucian scholars.

Term:

Occasional

- **PSYCH-243 Organizational Psychology**

Prerequisites:

Take PSYCH-114;

Credits:

4.00

Description:

Focuses on diversity concerns in various aspects of the psychology of the workforce. This includes job analysis, recruitment, selection, evaluation, training, retention, and termination. Employee morale, well-being, stress, and hardiness are considered.

- **PSYCH-247 Asian Perspectives on Health and Work**

Credits:

4.00

Description:

Examines theoretical and empirical approaches that provide insight into Asian viewpoints on socialization practices, family systems, health/well-being, cultural traditions/values, and spiritual philosophy/literature. Explores the diversity among Asian cultures in terms of language, history, religion/spiritual faith, and healthcare practices, all of which play a significant role in shaping the psychological characteristics, interpersonal relationships, and work dynamics of Asians and Asian immigrants. Students critically analyze similarities and differences between Asian and Western psychological perspectives of health and work through didactic and experiential learning components. This course fulfills the Cultural Diversity Requirement and may fulfill the Expanded Classroom Requirement. Normally offered alternate years.

Term:

Offered Spring Term

Type:

Asian Studies

- **RS-111 Introduction to World Religions: Western Traditions**

Credits:

4.00

Description:

This course will explore the comparative history and structure of Western religious traditions, broadly understood, and their impact on other world religions, while attempting to recognize the similarities and the differences among them. Traditions to be studied include Greek and Roman religion, the monotheistic faiths (Judaism, Christianity, and Islam, as well as Zoroastrianism, Sikhism and Bahaism). We will also explore the impact of the Western religions on indigenous traditions, such as African religion, Native American religion, and Pacific Island religion. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. 1 term - 4 credits. Normally offered every year.

- **RS-112 Introduction to World Religions: Eastern Traditions**

Credits:

4.00

Description:

This course will examine a variety of Eastern religions, including Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shintoism. Possible connections to be explored will be the impact of these traditions on others, such as Pacific Islands and African religion, as well as the growing place of Eastern religion in the West. This course will explore the history and structure of each tradition, while attempting to recognize the similarities and the differences among them. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. Normally offered every year. Cultural Diversity B

Type:

Asian Studies

- **SIB-550 Global Travel Seminar**

Prerequisites:

Please email Hillary Sabbagh at hsabbagh@suffolk.edu to register for a travel seminar.

Credits:

3.00

Description:

An in-depth analysis of timely special issues in international business. Specific topics are announced when the course is scheduled.

Type:

Global Engagement Experience

- **SF-190 Asia in America Fiction and Fact**

Credits:

4.00

Description:

With a focus on some selected ethnic groups from Asia, Asia in America studies the history and current status of Asian Americans in Boston and other parts of the country. We will examine the major reasons why these immigrants chose to leave their home country as well as their expectations and experiences here in America. We will also discuss the issues Asian immigrants have faced in this adopted home as well as the connections and conflicts among different ethnic groups or even within the same ethnic group due to political and socio-economic reasons. The course will include some level of community engagement, through Chinatown tour and service, which may enable us to have a direct contact with the Asian American population and reflect on what is being discussed in class. Through this course, we hope to gain a better understanding of the racial and cultural history of the country and arrive at a deep appreciation of the dynamics of cultural interactions in the twenty-first century. The course fulfills the SCGP requirement.

Type:

Global Engagement Experience

- **SF-1145 Emergence of Southeast Asia**

Credits:

4.00

Description:

Explores the eleven countries and 600 million people of Southeast Asia starting with foundations- geography and environment- and then looking at the human imprint, in the form of the history, religions, and cultures of the region. An examination of contemporary issues related to demography, politics, and (especially) economics.

- **SOC-227 Race in American Society**

Credits:

4.00

Description:

Despite the election of Barack Obama as President of the United States, race remains one of the most divisive forces in U.S. society. While many of us struggle against racism, racial classification continues to affect where we live, where we work, and how we see ourselves. Racial classification affects our access to health care and our encounters with police officers. Distorted images of racial groups fill television and movie screens. Appeals to racism and fear of foreigners are dominant themes in elections to state and national offices. This course examines the formation and re-formation of racial classifications: how particular groups become racially identified, how these classifications change over time, and how conflicts over race have shaped American society. The meanings of race, as seen from a variety of perspectives, will be a consistent theme throughout the course.

Term:

Occasional

- **SOC-228 Cultural, Global and Social Perspectives**

Credits:

4.00

Description:

Enables students to examine, as well as develop an awareness and appreciation of, diversity within today's society. Providing an overview of the major racial, ethnic, and cultural groups in the U.S., the focus is on the ways in which cultural awareness enhances professional helping relationships and improves the operation of human services systems.

Term:

Occasional

- **SOC-275 Women and Crime**

Credits:

4.00

Description:

This course examines the complex relationships between women and crime today. This focus will include women as criminal offenders; women as victims of crime; and women as both offenders and victims. Course materials draw from recent feminist scholarship on these issues in the social sciences. Topics include the causes of women's crime women, drugs, and crime; child abuse and trauma; prostitution and sex trafficking; race, gender and victimization; and feminist social movements against violence. Crimes of violence against women are a central focus in the course.

Term:

Occasional

- **SOC-329 Sociology of Globalization**

Prerequisites:

Prerequisite: SOC 113 or SOC 116.

Credits:

4.00

Description:

Globalization is shrinking the world. How and why did this happen? This course will explore global change and the global processes which effect key social institutions: culture, the economy and politics. Students will study the processes of globalization and its impact on our lives and people around the globe.

Term:

Occasional

• SOC-341 International Drug Control Policy

Credits:

4.00

Description:

Relying on a simplistic demand or supply explanation of why Americans use/abuse drugs obscures the reality of America's drug problem, is ineffective as a guide to public policy and has unforeseen, often negative consequences. Drug use is a complex and multi-faceted issue. There are no easy answers. To comprehend the complexity of America's drug problem one needs an understanding of the geography, history, religion, law, economics and international politics of the Middle and Far East, Eastern Europe, Africa, Mexico, and Central and South America. This class will provide this basic understanding without losing sight that the problem we seek to remedy is our own.

Term:

Offered Spring Term

• SOC-354 Death and Dying

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

Modern Language

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

Modern Language

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

- **SPAN-303 Modern and Contemporary Latin America**

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

- **SPAN-315 Spanish for the Professions**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

Integrates language learning with culture via business context of the Hispanic world. Spanish for banking and finance, marketing and advertising, and international commerce are highlighted. Students increase their cross-cultural understanding and written and oral proficiency in business Spanish through a wide range of assignments.

Type:

Global Engagement Experience

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

- **THETR-267 Introduction to Theatre: Contemporary American**

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Social & Intellectual HST

- WGS-H111 Women, History, & Culture

Prerequisites:

At least a 3.3 GPA required.

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Honors

- WGS-113 Women, Science, & Society

Credits:

4.00

Description:

Explores women's lives from the perspective of the social and natural sciences, including examination of recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship in these areas. Topics include: the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women; the female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women.

Term:

- **WGS-115 Introduction to Gender Studies**

Credits:

4.00

Description:

Introduces the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, explores the pervasive influence of gender on the structure of society and our everyday experiences and the role that gender plays in our understanding of love, friendship, sexuality, and even violence. Topics include: biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Social & Intellectual HST

- **WGS-311 Engendering Entertainment: Feminism and Popular Culture**

Credits:

4.00

Description:

Investigates the complex intersections between feminism and popular culture through several different lenses: by exploring how feminists make arguments about popular culture; by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like The Bachelor and Grey's Anatomy; by focusing on a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's Female Chauvinist Pigs, and Caitlin Moran's How to Be a Woman. Along the way we will ask questions about: what makes a work of art feminist; how modern media contributes to or distracts us from a variety of political debates in the realm of female equality and how can we, as individuals, use modern media to create and advance smart, feminist arguments.

Type:

- WGS-315 Feminist Thought

Credits:

4.00

Description:

Investigates how feminists, both today and in history, have understood inequality and difference and looked for the best ways to address these issues and bring about social justice. Examines how feminist theorists help us to understand how gender and other social categories, such as race, class, sexuality, disability, age and nationality, are constructed within and through each other; and analyzes feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory, as well as consider anti-feminist arguments. Readings include classic critical texts by authors including Mary Wollstonecraft, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler.

Type:

Social & Intellectual HST

- WGS-325 Global Women's Fiction

Credits:

4.00

Description:

Explores of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic.

Term:

Occasional

- WGS-335 Queer Narratives

Credits:

4.00

Description:

Explores the stories that help us to understand communities, identities, and bodies that could be considered queer, and the ways that film, music, memoir and fiction have discussed queer as different, unusual, or other. Texts include the documentary, "Paris Is Burning", Frank Ocean's 2012 album, "Channel Orange", and Janet Mock's recent memoir, "Redefining Realness", as well as foundational queer theory from Judith Butler, Eve Kosofsky Sedgwick, and Lee Edelman, among others, to help build a framework for approaching and interpreting both fictional and non-fictional accounts of queer lives.

Type:

Social & Intellectual HST

Courses that fulfill the Creativity and Innovation, Humanities/History, Language, Literature, Quantitative Reasoning, Seminar for Freshmen, Social Science, or VPATH requirements may double count to fulfill the Social, Cultural, and Global Perspectives (SCGP) requirement.

Minimum Total Credits Required for Degree Conferral: 124 credits



2017-2018 Archived Catalog Information

Bachelor of Fine Arts Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BFA degree programs require the successful completion of the following courses:

Core Requirements: 12 courses, 47-48 credits

- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts](#)

Science, Technology, & Engineering (STE): 2 courses and corresponding laboratories where applicable, 8 credits

Choose two STE courses (and corresponding laboratory where applicable) from those listed below. Courses do not need to be in a sequence. In the case of a course that is a lecture plus a lab, the student must complete both components to earn credit for the STE requirement.

Biology:

- **BIO-104 Environmental Biology**

Prerequisites:

BIO 101 and BIO L101, can also be taken concurrently BIO L104 must be taken concurrently

Credits:

3.00

Description:

An introduction to basic evolutionary, behavioral and ecological principles. Readings and discussions emphasize the ways that humans are affected by ecological processes and principles as well as how humans and their technology affect ecosystems. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology. It is intended for non-biology majors as a follow-up to Biology 101. 3 hours lecture. Days Only. Madrid Campus only.

Type:

SCI TECH ENGNR

- **BIO-L104 Environmental Bio Lab**

Prerequisites:

BIO-104 must be taken concurrently

Credits:

1.00

Description:

Exercises and field trips designed to complement and demonstrate the ecological principles developed in the lecture section. The lab emphasizes the scientific method and employs long term group projects. Madrid Campus only.

Type:

- **BIO-105 Humans and the Evolutionary Perspective**

Prerequisites:

Non Science Majors Only

Credits:

4.00

Description:

Major topics include the scientific basis of evolution, the fossil history of vertebrates, evidence of evolution in the human body, and applying an evolutionary perspective to the social interactions and possible futures of humanity. Meets one of the non laboratory science requirements for the non-science major. This reading and writing intensive course is a non-laboratory science option for non-science majors. This course will not fulfill requirement for a major or a minor in Biology.

Term:

Occasional

Type:

SCI TECH ENGR

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Rigorous introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGR

Chemistry:

- **CHEM-105 Chemical New Product Development**

Prerequisites:

ENT 101

Credits:

4.00

Description:

This course addresses the crucial intersection between chemistry and business, and the impact of these fields on society. It provides an introduction to important chemistry concepts and practices of business management. Primary focus is on understanding the chemistry principles behind some of the consumer products in our everyday lives, and using this knowledge to create and evaluate ideas for new products. The course also introduces the business aspects involved in the development and marketing of new products. An important component of the course is in making effective presentations; this component concludes the course, culminating in team presentations of a new chemical product to panel of executives and peers. This course satisfies the Sawyer Business School Science requirement.

Type:

SCI TECH ENGR

- **CHEM-106 Biotechnology & Its Applications in Medicine, Agriculture, Law**

Credits:

4.00

Description:

Introduces the latest discoveries and applications of biotechnology. Topics include genetically modified food, stem cells, genetic testing, cloning, and forensics. A combination of lectures, discussions, short documentaries, mock congressional hearings, and hands-on activities will provide insight into the numerous medical, social, legal, and ethical issues surrounding this technology.

Type:

SCI TECH ENGR

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **CHEM-L111 General Chemistry Laboratory I**

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

Computer Science:

- **CMPSC-F107 Ants, Rumors and Gridlocks**

Prerequisites:

Math placement level of 2 or above or any MATH course at the level 100 or above

Credits:

4.00

Description:

Do viruses and rumors spread like forest fires? How do ants cooperate? Do spoken languages and biological species evolve in a similar way? Ants, Rumors, and Gridlocks exposes students to introductory aspects of computational science by addressing and answering these and many other questions. Students use and modify virtual experiments preprogrammed in the NetLogo programming language to investigate these topics and others in Social Sciences, Biology, and Environmental Science. No prior knowledge of computer programming or NetLogo is required.

Type:

SCI TECH ENGR

Electrical Engineering:

- **ECE-288 Measuring the World**

Credits:

4.00

Description:

The world is addicted to quantifying the essence of everything, from personal IQ, to the speed of a baseball, to our healthiness, or our chances of winning the lottery. Behind most of these numeric values exists a science of measurement. Some of this is referenced to international standards, such as for length, time, weight, or temperature. Others are more arbitrary and subjective, such as ranking Olympic performance in gymnastics, beauty pageants, or popular responses as found in the game show Family Feud. A third category includes controversial areas, such as measuring whether a person is lying when interrogated, or using hype rather than reality to market products. Sometimes statistics are used to predict sports outcomes, such as in the annual March Madness NCAA basketball brackets. Finally, in a world subject to fraud and deception, it can be essential to distinguish legitimate from counterfeit items, such as in money, art, collectibles, and historical documents. Don't get hoodwinked! This course examines all of these, starting with how measurements have been made throughout history, along with a full deck of entertaining terms used during the ages. This may help you sort out your weight, whether given in pounds, kilos, or stones. Often these terms will provide insights into how people lived in different eras. We will also look at some of the technologies currently available to provide these measurements, and unravel the complexities of various sensors that are used. As we consider the meaning of accuracy we may become less naive about how much confidence to ascribe to the results given us. Hovering around all of these measurements should be the question of validity - are they meaningful, useful, or misleading? And the impact they have on society - whether they steer behavior more powerfully than one might originally suspect. Each student will also be given an opportunity to become an expert in an area of measurement of personal interest. By the end o

Type:

SCI TECH ENGR

Engineering Science:

- **ENS-103 Introduction to Engineering**

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• ENS-L103 Intro to Engineering Lab

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab.

There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

Environmental Science:

- **UES-107 Introduction to Drones**

Prerequisites:

UES-L107

Credits:

3.00

Description:

Unmanned autonomous systems (UAS) or Drones are high-tech, intelligent machines capable of traveling by air, land, or sea via a remote connection. This course presents concepts and practical methods of using Unmanned Vehicles in a professional context, particularly for environmental projects. UAVs are increasingly being used in a professional capacity such as cinematography and filming, real estate, construction, surveying, mapping, agriculture, industrial inspections, utilities inspections and many more. The course covers mission planning, operations, field data collection, data processing, legal implications, data analysis and data deliverables. The course and laboratory will include learning flying micro-drones and preparing to pass the Federal Aviation Administration's Unmanned Aerial Vehicle Airmen (Part 107) exam. The course will have an associated Laboratory component in which students will learn how to properly plan effective flight missions, fly safely and legally, develop risk management strategies, analyze the data captured and convert it into a useful data deliverable.

Type:

SCI TECH ENGR

- **UES-L107 Introduction to Drones Lab**

Prerequisites:

UES-107

Credits:

1.00

Description:

Unmanned autonomous systems (UAS) or Drones are high-tech, intelligent machines capable of traveling by air, land, or sea via a remote connection. This course presents concepts and practical methods of using Unmanned Vehicles in a professional context, particularly for environmental projects. UAVs are increasingly being used in a professional capacity such as cinematography and filming, real estate, construction, surveying, mapping, agriculture, industrial inspections, utilities inspections and many more. The course covers mission planning, operations, field data collection, data processing, legal implications, data analysis and data deliverables. The course and laboratory will include learning flying micro-drones and preparing to pass the Federal Aviation Administration's Unmanned Aerial Vehicle Airmen (Part 107) exam. The course will have an associated Laboratory component in which students will learn how to properly plan effective flight missions, fly safely and legally, develop risk management strategies, analyze the data captured and convert it into a useful data deliverable.

Type:

SCI TECH ENGNR

• UES-111 Environmental Science**Prerequisites:**

Must be taken concurrently with UES-L111

Credits:

3.00

Description:

Applies the fundamentals of science to environmental issues. Topics include population dynamics and resources, environmental degradation, ecosystems, geologic processes, deforestation, biodiversity, climate change, air, soil, and water resource management, and pollution and risks to health.

Term:

Offered Spring Term

Type:

SCI TECH ENGNR

- **UES-L111 Environmental Science Lab**

Prerequisites:

Must be taken concurrently with UES-111.

Credits:

1.00

Description:

Laboratory exercises are used to illustrate topics covered in UES 111. Field testing and analysis of environmental samples. Field trips may be required.

Term:

Offered Spring Term

Type:

SCI TECH ENGNR

- **UES-121 Science, Art, and the Environment**

Prerequisites:

Take UES-L121 concurrently

Credits:

3.00

Description:

Examines art and cultural objects through the lens of the biological, chemical, and physical principles of the materials and processes we use to make them. Includes consideration of factors important in art conservation. Provides an environmental context for the manufacture and use of art materials

and the preservation of cultural objects.

Type:

SCI TECH ENGR

- **UES-L121 Science, Art, and the Environment Lab**

Prerequisites:

Take UES-121 concurrently

Credits:

1.00

Description:

Provides hands-on work with pigments, dyes, and other art materials using the basic principles of science and technology. Students will conduct laboratory experiments that produce art objects and other consumer products. Instruction in safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables, graphs, and graphics. Practice in synthesizing compounds like paints and finishes and in evaluating methods of art conservation.

Type:

SCI TECH ENGR

- **UES-225 Geographical Information Science**

Prerequisites:

Take UES-L225 concurrently

Credits:

3.00

Description:

Provides the fundamentals of geographic information science (GIS) including the history of automated mapping. A review of the necessary hardware and software elements used in GIS is presented. Hands-on exercises with computerized mapping software are required.

Type:

SCI TECH ENGNR

- **UES-L225 Geographic Information Science Lab**

Prerequisites:

Must be taken concurrently with UES-225

Credits:

1.00

Description:

Required companion computer laboratory to be taken concurrently with UES 225.

Type:

SCI TECH ENGNR

Forensic Science

- **FS-103 Introduction to Forensic Science**

Prerequisites:

FS-L103

Credits:

3.00

Description:

Application of the principles of forensic science in evaluating physical evidence, with emphasis on its role in criminal investigation. Class experiences may include guest lectures and field trips. 3-hour lecture. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **FS-L103 Introduction to Forensic Science Lab**

Prerequisites:

FS 103 concurrently

Credits:

1.00

Description:

Laboratory experiences related to the collection and analysis of physical evidence as performed by forensic science professionals. Experiments may include forensic microscopy, drug analysis, forensic serology, physical patterns, fingerprint and firearm evidence analysis techniques. 3-hour laboratory. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

Neuroscience:

- **NEUR-101 Intro to Neuroscience**

Credits:

4.00

Description:

Introduces the field of neuroscience, the study of the organization and function of the nervous system of humans and other animals. Neuroscientists examine how individual neurons function as signaling devices, how groups of neurons operate as circuits to produce fundamental units of behavior, and how much larger systems in the brain subserve complex functions such as memory and consciousness. Topics include the neuron and neural transmission, the overall function and organization of the nervous system, the development of the brain, neural plasticity, sleep, memory and other higher cognitive functions. Normally offered alternate years.

Type:

SCI TECH ENGNR

Physics:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or MATH-165 or permission of Physics department chair; PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• **PHYS-151 University Physics I**

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-153 University Physics III**

Prerequisites:

MATH-121, MATH-164 or MATH-165

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGNR

Science:

- **SCI-103 Environmental Science**

Prerequisites:

SCI-L103 must be taken concurrently

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to environmental degradation, ecosystems, geological processes, population dynamics, deforestation and biodiversity, climate change, ozone depletion, air soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• **SCI-L103 Environmental Science Lab**

Prerequisites:

Must take SCI-103 concurrently

Credits:

1.00

Description:

Laboratory exercises to illustrate the topics covered in Science 103. Field-testing and analysis of environmental samples. Field trip required.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• SCI-111 Introduction to Astronomy

Prerequisites:

MATH-128 or higher and SCI-L111 must be taken concurrently.

Credits:

3.00

Description:

History of Astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors; space programs, science and technology in society. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-L111 Introduction to Astronomy Lab**

Prerequisites:

Take SCI-111 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 111. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-112 Structure of the Universe**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-L112 Structure of the Universe Lab**

Prerequisites:

Take SCI-112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-113 A Habitable Earth Within the Solar System**

Credits:

4.00

Description:

This course introduces non-science majors to concepts that are central to making our planet habitable. It presents Earth in context of the solar system with a broad view of global climate change and energy resources in a quest to better understand the workings our planet. This course on Earth and Planetary Science is suitable for students who may have taken their last science and math course several years ago, or are just curious about knowing facts on major issues that pertain to the future of our planet. Together with a reading component, this course aims to give students a flavor of how researchers think, investigate and develop conclusions that directly affect our political and economic future. Topics covered in this course range from the solar system to the study of search for other habitable Earth-like planets, search for extraterrestrial life, and evolution of life on Earth. Other characteristics of this course are heavy use of audio-visual materials often including computer animations and simulations, in-class experiment demonstration, and intensive use of INTERNET-based resources.

Type:

SCI TECH ENGNR

• SCI-165 Inner Workings of Physics Universe

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

SCI TECH ENGNR

• SCI-171 The Built World: How Humans Engineer Environments

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• SCI-173 Mapping Our World The Power of Digital Maps

Prerequisites:

SCI L173 Must be taken concurrently Knowledge of Windows type Application

Credits:

3.00

Description:

Geographic Information Science (GIS) link information (number of fire hydrants on a block) to features on a map (e.g., a point representing street address) that has a designated geographic location (as designated by global coordinates). Unlike paper maps, GIS software allows the production of interactive maps that allows the user to layer data, to indicate spatial patterns, to analyze trends, and to combine different features of the mapped area in novel ways. For example, a business person may wish to use GIS to determine the optimum location of retail outlet (based on the mapped demographics of a neighborhood), while an environmental engineer may use GIS to describe the location of outfalls to see how they correlate to areas of stream pollution. In this course, students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

- **SCI-L173 Mapping Our World Lab**

Prerequisites:

Must be taken concurrently with SCI-173

Credits:

1.00

Description:

This laboratory illustrates concepts and methods taught in SCI 173. In this lab students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **SCI-181 Science and Life in the 21st Century**

Credits:

4.00

Description:

No longer offered on Boston campus This is a four credit, non-lab, science course that examines the central scientific problems confronting the 21st century. The course studies particular topics and teaches the necessary science around these topics to provide a good understanding of the issues. The topics currently are: Energy, Science and Economic Decisions, Sustainability of Life on Earth, Health and Science.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-184 Contemporary Science and Innovation**

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-201 Physics for Future Presidents**

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGNR

- **SCI-210 Earth and Planetary Crystals**

Prerequisites:

Take SCI-L210 concurrently

Credits:

3.00

Description:

This course will provide undergraduate students of various disciplines with an introduction to gems and crystals using interactive, evidence-based teaching approaches. Crystalline forms of matter are critical to our existence. Using innovative teaching strategies of in-class hands-on demonstration, supplemented with visuals of crystal details, the course provides students insights into the formation, alteration and unique properties that make crystals invaluable. Topics range from the study of proteins and nucleic acids to the interior of planets. The in-class lectures will provide a basic guide that will serve as a platform for individually catered in-depth study. Therefore, the course is open to advanced students as well, who can pick up higher level of information for discussion and class projects.

Type:

SCI TECH ENGNR

Some Science division courses may have Math or Computer Science prerequisites; many have other Science prerequisites.

Minimum Total Credits Required for Degree Conferral: 124 credits



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Bachelor of Fine Arts Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BFA degree programs require the successful completion of the following courses:

Core Requirements: 12 courses, 47-48 credits

- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts](#)

Studies in Literature: 1 course, 4 credits

Choose one Studies in Literature course from those listed below:

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Studies in Literature

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Studies in Literature

- **ENG-130 Introduction to Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-135 World Literature in English**

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-141 Studies in British Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama from the British literary tradition, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

- **ENG-142 Studies in American Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama from the American literary tradition, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-151 Introduction to African-American Literature**

Credits:

4.00

Description:

Literature has the capacity to record and interrogate history in an imaginative and artistic context. African-American literature is a rich, varied, and complex body of literature that faces our tainted history directly. The authors we will read in this class examine slavery's long-term psychological and social effects while forging a literary history that is at once a part of and apart from American literary history more generally.

Type:

Studies in Literature

- **ENG-152 Horror Fiction**

Credits:

4.00

Description:

This course focuses on the reading and analysis of horror literature and the ways in which horror reflects and represents personal and cultural anxieties. Readings will include both classic and contemporary authors, for example, Edgar Allan Poe, H.P. Lovecraft, Shirley Jackson, Stephen King, and others. Assignments will include analytical essays as well as creative writing.

Type:

Studies in Literature

- **ENG-153 Literature of War**

Credits:

4.00

Type:

Studies in Literature

- **ENG-155 Young Adult Literature**

Credits:

4.00

Description:

Young Adult Literature's recent explosion in popularity raises important questions about the stories it tells, the values it promotes, and the audiences it seeks. This course approaches the YA phenomenon as one with deep historical roots as well as contemporary cultural relevance. From nineteenth century classics to current series favorites, literary works focused on young people reframe perennially fresh narratives about coming of age, negotiating personal identity, and navigating a complex moral universe. This course also considers YA literature as part of an evolving network of writers, readers, publishers, critics and filmmakers.

- **ENG-157 Poetry and Religion**

Credits:

4.00

Description:

This course will use close readings to examine poetry as a heightened form of language seeking to make contact with divine sources of faith. We will consider poems that provide examples of the struggle to attain belief, as well as poems that deny belief. Language as both the grammar of ascent and the locus of descent. The position of human beings in relation to God, or the gods, or the absence of the divine.

Type:

Studies in Literature, Classics Minor

• ENG-161 Writing the American West

Credits:

4.00

Description:

In 1893, Frederick Jackson Turner famously declared that the American frontier (i.e., the West) had closed for good. To a certain extent, Jackson's proclamation was meant to demarcate the end of the 19th century. But perhaps more importantly, it marks the beginning of a distinctly American literature that began, ironically, by mourning its own demise. In this course, we will journey among some of the more significant signposts and detours that have marked Western U.S. literature in the 20th Century. Along the way, we will question just where, exactly, the West begins and ends (The Mississippi River? The Great Plains? The Rockies?), and think about whether or not Turner's frontier thesis continues to hold true (if it ever did). We will consider whether the broad rubric of The West is adequate to describe the various sub-regions within this portion of the United States, and we'll examine the genres which seem as if they could not have happened anywhere else. We will also interrogate differences in the literature across gender lines: how, if at all, does the literature written by men and by women differ? Above all, we will strive to come away with a deeper understanding of this vitally American, and vitally Wild literary place.

Type:

Studies in Literature

• ENG-213 English Literature I

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-214 English Literature II**

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-217 American Literature I**

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-218 American Literature II**

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

Masterpieces of French and Francophone Literature in English Translation. Studies works translated into English by major authors from the Middle Ages to the present. Explores drama, fiction, and poetry from many regions of the world: Africa, Western Europe, North America, the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Studies in Literature

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

Analyzes and discusses canonical works of French literature from medieval times to the eighteenth century.

Term:

Offered Fall Term

Type:

Studies in Literature

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

Study, analyze and discuss canonical works of French-language literature from the nineteenth through the twenty-first centuries, as they relate to important events in the art, culture, and history of the Francophone world.

Term:

Offered Spring Term

Type:

Studies in Literature

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

Explores the theme of love and its manifestation in representative works while being aware of the evolution of French Literature. Addresses various thematic that accompany a traditional survey of literature course such as critical discourse, aesthetic representation, literary movements, genre, construction of sexual identities, sexual politics as well as representations of ethnicity, class, and culture.

Term:

Occasional

Type:

Studies in Literature

- **FR-318 Face in the Mirror: Writing & Reflecting the Self in French**

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

Examines literature in the French language focusing on memoir, essay, and autobiography. Read authors such as, Montaigne, Rousseau, Lamartine, Colette, Duras, Beauvoir, Le, Chamoiseau, Djébar, Conde, Ernaux, Genet, and Satrapi. Develops an appreciation of the differences between autobiography and autofiction. Explores the question of truth and the fallibility of memory.

Type:

Studies in Literature

- **WGS-211 Heroines, Hotties & Hubris: Adolescent Girl's Books**

Credits:

4.00

Description:

Explores what we can learn from the books that teenage girls read. In addition to a wide array of interesting and complex Young Adult novels targeted to young female readers, students will be exposed to theories of adolescent development, literary criticism, and social theory. Topics include how the dilemmas of girlhood have changed or stayed constant and the urge, so common in books for children and teens, to teach kids how to think and behave.

Term:

Occasional

Type:

Studies in Literature

- **WGS-220 Other Worlds, Other Genders: Women and Science Fiction**

Credits:

4.00

Description:

Examines through both classic and contemporary science fiction a variety of possibilities for world-reimagining in the realms of gender, sexuality, race, and other forms of difference. Draws on theories of utopian and dystopian discourse, engages with questions of biology and reproduction, and explores colonialism through first-contact and space empire narratives.

Type:

Studies in Literature

Minimum Total Credits Required for Degree Conferral: 124 credits



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Bachelor of Fine Arts Degree

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- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts](#)

Ethical & Philosophical Inquiry: 1 course, 4 credits

Choose one Ethics course from those listed below:

- PHIL-119 Ethics

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Minimum Total Credits Required for Degree Conferral: 124 credits



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Bachelor of Fine Arts Degree

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- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts](#)

Human Behavior and Societies: 1 course, 4 credits

Choose one Human Behavior and Societies course from those listed below:

- **ADPR-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media on contemporary society from a social science perspective. Television, radio, film, and print formats are discussed in terms of their persuasive impact on mass culture in the U.S.. The emergence and development of Rock N Roll is discussed in unison with the Civil Rights, Student's Rights, and anti-War movements of the period from 1946-1972.

Term:

Offered Spring Term

Type:

Human Behavior & Societies

Communication:

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television, and new media technologies develop, and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

- **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness, and change processes.

Term:

Offered Fall Term

Type:

Human Behavior & Societies

Economics:

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

- **GVT-110 Introduction to American Democracy**

Credits:

4.00

Description:

An introduction to the American political system and constitutional framework. Focus will be on the interplay of various institutions (the Presidency, Congress and the Judiciary) in creating public policies. Contemporary public issues will be discussed, as will the role of political theory in shaping American democracy. Attention will be given to the role of the news media, public opinion, political ideology, political parties and interest groups in the American system.

Type:

Human Behavior & Societies

- **GVT-115 Evolution of the Global System**

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

Type:

Human Behavior & Societies

Psychology:

- **PSYCH-114 General Psychology**

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

Sociology:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-224 Families in Contemporary Society (Spain)**

Credits:

4.00

Description:

Spain has experienced major socio-demographic changes since the mid 1970s. These transformations mainly arise from the new role of women in society and, in particular, women's higher levels of education, work experience, and labor market attachment. The changes in women's labor force participation have occurred in conjunction with a progressive postponement of main family events, such as leaving the parental home, forming a partnership and having children, as well as with a reduction in the family size. Spain is, indeed, characterized as having one of the lowest low fertility levels within Western industrialized countries, a pattern that is exacerbating the ongoing process of population aging. This picture partly reflects the conflicting relationship that currently exists between women's labor force participation and the accommodation of family responsibilities: the so-called work/ family balance. Ongoing differences among countries have been accounted for by different explanatory factors that involve socio-economic, cultural and social policy dimensions. From a comparative perspective, the course is intended to cover recent debates, controversies, and research on family formation and family dilemmas in contemporary Spain.

Type:

Human Behavior & Societies

Minimum Total Credits Required for Degree Conferral: 124 credits



SUFFOLK
UNIVERSITY
BOSTON

Academic Catalogs

[Academic Catalogs](#) > [Undergraduate Catalog](#) > [College of Arts & Sciences](#) > [Fall 2017 Degree Requirements](#) > Bachelor of Fine Arts Degree

2017-2018 Archived Catalog Information

Bachelor of Fine Arts Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BFA degree programs require the successful completion of the following courses:

Core Requirements: 12 courses, 47-48 credits

- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social & Intellectual History/Visual & Performing Arts](#)

Social & Intellectual History/Visual & Performing Arts: 1 course, 4 credits

The Social & Intellectual History/Visual & Performing Arts requirement is satisfied by the completion of the BFA Art History requirement.

Minimum Total Credits Required for Degree Conferral: 124 credits



2017-2018 Archived Catalog Information

Bachelor of General Studies

The Bachelor of General Studies (BGS) degree is an alternative to the traditional department-centered baccalaureate program. A student follows the core requirements of the Bachelor of Science degree and then takes 44 hours within one of the five interdepartmental clusters -- Humanities, Social Sciences, Life Sciences, Physical Sciences, or Visual Arts -- in place of a single departmental concentration.

The degree is designed principally to meet the needs of transfer students and adult learners returning to college after an absence of several years. The degree allows the student with an eclectic set of transfer credits to earn a bachelor's degree. The BGS is not appropriate for most students planning to go on to graduate or professional study. A student seeking a BGS should consult with the Office of Undergraduate Admission and a department chair in the proposed Interdepartmental Cluster prior to enrolling in this degree program.

Composition of the Interdepartmental Clusters:

Humanities:

- Communication & Journalism
- Theatre Arts
- English
- History
- World Languages & Cultural Studies
- Philosophy
- Women's & Gender Studies (courses with a humanities focus)

Social Sciences:

- ADPR
- Economics

- Education Studies
- Environmental Studies
- Government
- History
- Psychology
- Sociology
- Women's & Gender Studies (courses with a social science focus)

Life Sciences:

- Biology
- Chemistry
- Radiation Science

Physical Sciences:

- Chemistry
- Computer Science
- Environmental Science
- Mathematics
- Physics

Visual Arts:

- Art Foundation Studies
- Art History
- Fine Arts
- Graphic Design
- Illustration
- Interior Design



2017-2018 Archived Catalog Information

Bachelor of Science in Journalism

The Bachelor of Science in Journalism is available to Journalism and Public Relations majors only.

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The BSJ degree requires the successful completion of the following courses:

Core Requirements: 14 courses, 51-52 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Humanities/History](#)

First Year Experience: 1 course, 1 credit

Students with 15+ transfer credits of college or university work are exempt.

Choose one of the following to be completed during the first semester of matriculation:

- **CAS-101 Strategies of Success**

Prerequisites:

CAS students only. SBS students by special permission.

Credits:

1.00

Description:

CAS 101 is a one-credit course that meets once a week and is designed to help you have a successful transition to Suffolk University and our unique urban community. It is also designed to introduce you to the principles and concepts of Oral Communication and Presentation Skills. Through interactive exercises and engaging assignments, you will explore the campus environment and learn about strategies for success as a student. You will present speeches about your research and activities to improve your abilities as a speaker.

- **ADPR-102 Professional Development**

Prerequisites:

ADPR-101 must be taken concurrently

Credits:

1.00

Description:

In this hands-on experiential course, students examine potential career paths in Advertising, Public Relations, and Social Media, become oriented to the university and the surrounding Boston area, and identify professional resources in Boston that foster career development.

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Courses may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



2017-2018 Archived Catalog Information

Bachelor of Science in Journalism

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The BSJ degree requires the successful completion of the following courses:

Core Requirements: 14 courses, 51-52 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Humanities/History](#)

Seminar for Freshmen: 1 course, 4 credits

Students with 15+ transfer credits of college or university work are exempt.

Please note that not all courses are offered each semester. Students should contact their advisor to learn about current course offerings.

Choose one Seminar for Freshmen course from those listed below:

- **SF-101 Fixing the World- Energy and Water: The Science of Solutions**

Credits:

4.00

Description:

Two of the most daunting challenges the world faces (or will face) is how to provide for both its growing energy needs and potable drinking water. Regular news events include climate change, droughts, flooding, and petroleum struggles. Human nature often requires a severe crisis before it responds. This course will investigate the historical science driving the use of energy since the Industrial Revolution to convert energy resources into work, including the steam engine, the electric motor, and the internal combustion engine. It will also consider alternative energy options to fossil fuels, such as solar, wind, geothermal, and ocean power. Along the way we will consider the evidence for Global Warming and Climate Change. We will look into human nature, simple life styles, conspiracy theories, and the influence of those in power to shape human opinion. We will also consider how our water supply is provided and where it goes after being used. What options do developing countries or drought racked areas have to remedy their water needs? Although the course pursues a scientific understanding of these issues, the mathematics used will be gentle, and a larger emphasis will be placed on the intuitive appreciation of these concerns.

- **SF-116 Enlightened Insanity**

Credits:

4.00

Description:

Rain or shine, the great 18th century Enlightenment philosophers would meet at the famous cafes of Paris to discuss their ideas, and to observe and criticize society. From these informal debates emerged ideas that are at the core of our modern understanding of the nature of society, marginality, human nature, civil rights, the essence of creativity and genius. Come join us in the quest to understand, define, observe, and analyze the key ideas and concepts of these great thinkers, such as Rousseau, Diderot, and Voltaire, still so relevant in our time. We will read key works of these creative thinkers and philosophers. We will enrich our experience and understanding through the use of film, theatre performances, museum visits, as well as the occasional cafe debate.

- **SF-126 The Boston Theatre Scene: the Inside Experience**

Credits:

4.00

Description:

Using the current Boston theatre season as its syllabus, this writing- and analysis-intensive course will explore several plays in production at some of Boston's many professional theatres. We will study the script of four to five plays before attending performances of those works. Students will gain insights on the world of theatre through backstage tours and conversations with theatre professionals such as producers, directors, actors, designers, playwrights, and critics. Students must be available for evening (usually Wednesday) performances. A fee for student-rate tickets will be assessed.

- **SF-132 The Beatles: Here, There & Everywhere**

Credits:

4.00

Description:

This seminar will investigate the impact and legacy of the Beatles. The Fab Four deserve our scholarly attention as musical innovators and as cultural avatars of the 1960s, an era that still exerts influence today. We will examine the many ways in which the Beatles rocked the establishment and became defining figures in post-war youth culture. We will also discuss other media (the visual arts, film, fashion, style) and fields of study (mass media, marketing, recording technology, copyright law, English history) using the Beatles as our guides.

- **SF-151 Getting Over It: Dealing With the Aftermath of Group Conflict/Mass Atrocity**

Credits:

4.00

Description:

Once violent conflict between two groups has ended, what is the best way to transition back to normality coming to terms with the past or simply moving on? To answer these questions we will examine the debates surrounding war crime tribunals, truth commissions, lustration policies, and reparations in the second half of the 20th century. Case studies will include post-apartheid South Africa, post-WWII Germany, and the Israeli/Palestinian conflict. We will discuss the philosophical problems raised by each of these instruments, as well as on the political, legal, and practical difficulties their implementation present. Cultural Diversity B

- **SF-156 The Mask Behind the Face: Personas, Personalities, and Perception. Acting in /Out Life**

Credits:

4.00

Description:

The theatre has always been a metaphor for life. In modern times life has become theatre. This seminar will confront the idea of real life and the eroding boundary between performers and audience. Students will study the roots of the contemporary obsession with stars and stardom, a mania that began in the 18th century and flourished in the 19th century. We will look at performance studies, performers memoirs, plays, and films that dramatize this dilemma.

- **SF-173 Crime in American Society**

Credits:

4.00

Description:

Popular beliefs about crime are often inspired by the media and by specific criminological theories. These theories about and media images of crime will be examined in detail, including the hits and misses.

- **SF-174 Tragedy and Literature**

Credits:

4.00

Description:

This course will focus on classic works of ancient and modern literature that examine the human condition from a tragic perspective. We will concentrate on close readings from the following texts: Homer's Iliad, Sophocles' Antigone, The Bhagavad-Gita, Shakespeare's Othello, Chekhov's short stories, and Joyce's Dubliners.

Type:

Classics Minor

- **SF-175 War and Apocalypse in Science Fiction**

Credits:

4.00

- **SF-178 Sacred Hoops & Sneaker Pimps: Understanding the American Hoop Dream**

Credits:

4.00

Description:

This course is about the basketball hoop dream played out at the high school and college levels. We will study a wide variety of materials - novels, films, websites, reference works - to understand both the construction, and destruction, of the hoop dream in such diverse places as New York City, Seattle, rural Indiana, suburban Georgia, and the Wind River Reservation in Wyoming. Issues of race and culture will serve as guiding themes as we develop critical theory explaining why the hoop dream has persisted, and adapted, over time, to fit the needs of its believers and supporters.

- **SF-182 Heroes, Antiheroes and Outsiders: Reading the Graphic Novel**

Credits:

4.00

Description:

How is it that comics", a genre often viewed as entertainment for children and adolescents, has become one of the most exciting forms of narrative and visual art? To answer this question, this seminar will examine a range of graphic novels, from those that celebrate their origins in superhero comics, such as Alan Moore's *Watchmen*, to those that treat subjects not usually considered proper to the comics genre, such as Art Spiegelman's *Maus*, about the Holocaust, and Alison Bechdel's *Fun Home*, about the complexities of sexual identity. As we read these works, we will look at how the combination of words and still images makes the graphic novel a unique storytelling form, as well as how artists and writers push the envelope to create new styles and challenge our expectations. In addition to class discussions and writing assignments, we will take a field trip to the Museum of Fine Arts and create a collaborative group graphic novel step-by-step over the course of the semester (all abilities welcome).

- **SF-183 Politics, Power and the Media**

Credits:

4.00

Description:

Is there a relationship between accumulated political power and mass media representations? Is news content impacted by existing political power relations? It is the object of this course to critically analyze the role of the mass media within the framework of existing political power relations in the United States. In particular, the course will focus on the role the mass media plays in promoting and reinforcing dominant political practices and ideologies. The course will begin by exploring various theories of the press, notably its function in a democratic society, as well as the concepts of power and propaganda. We will continue with a series of case studies, complemented by secondary sources that highlight how media representations affect the contemporary distribution of political power in the US. Topics of discussion will include the current US war on terrorism, the ongoing health care debate, the public disavowal of big government", and the concept of a liberal media.

• SF-189 American Gothic: Edgar Allan Poe, Flannery O'Connor and Annie Proulx

Credits:

4.00

Description:

This literature seminar will study and compare the short stories of Edgar Allan Poe, Flannery O'Connor, and Annie Proulx. Beginning with Poe as the father of the short story genre in America and exploring his critical theory of the grotesque and arabesque", the class will examine the emergence of the gothic literary idiom as a classic American genre. Critical essays on the gothic aesthetic will be analyzed and film adaptations and documentaries will be viewed.

• SF-190 Asia in America Fiction and Fact

Credits:

4.00

Description:

With a focus on some selected ethnic groups from Asia, Asia in America studies the history and current status of Asian Americans in Boston and other parts of the country. We will examine the major reasons why these immigrants chose to leave their home country as well as their expectations and experiences here in America. We will also discuss the issues Asian immigrants have faced in this adopted home as well as the connections and conflicts among different ethnic groups or even within the same ethnic group due to political and socio-economic reasons. The course will include some level of community engagement, through Chinatown tour and service, which may enable us to have a direct contact with the Asian American population and reflect on what is being discussed in class. Through this course, we hope to gain a better understanding of the racial and cultural history of the country and arrive at a deep appreciation of the dynamics of cultural interactions in the twenty-first century. The course fulfills the SCGP requirement.

Type:

Global Engagement Experience

- **SF-191 Film Adaptation Film Adaptation**

Credits:

4.00

Description:

Why did they change the ending of the book? The novel is so much better! We will explore the concept and industry of film adaptation. Students will read novels and watch respective film adaptations to explore how the written word is adapted to the screen; both fiction and non-fiction works will be considered. Also, field trips to past film locations in Boston will be taken to explore why specific settings were chosen for respective situations. Additionally, students will create their own written adaptations of source materials, putting into practice the concepts studied in class.

- **SF-197 Sustainability, Energy, and Technology At Suffolk University**

Credits:

4.00

Description:

In this project and team-based course, students study a sustainability problem at Suffolk University and spend the semester developing proposals to address the problem. At the end of the course students will present their proposals to Suffolk University's sustainability committee, and will exhibit their websites and visual aids in the Donahue lobby to educate the Suffolk community about sustainability. If their proposals are well-researched and well-communicated, students can see their ideas actualized while they are still undergraduates.

- **SF-198 Music and the Brain**

Credits:

4.00

Description:

What accounts for the power of music to move us so profoundly? This course explores how our brains and music evolved together: What music can teach us about the brain, what the brain can teach us about music, and what both can teach us about ourselves.

- **SF-199 Unfolding the European Union**

Credits:

4.00

Description:

The EU is a powerful political, economic and cultural block that is meant to play a major role, together with the USA and China, in the creation of a new post-crisis world order. The seminar is intended to cover, at a basic but reachable level, the history, the politics, the culture and the functions of the EU in the beginning of the Twentieth Century. An extraordinary experiment of sociopolitical engineering, comparable to that of the United States of America, the EU has been changing the life of an increasing number of Europeans for over 50 years. No American student could afford to ignore the inner structure as well as the particular peculiarities of such inclusive supranational organization in today's world. Issues as institutional functioning, problems derived from individual state sovereignty, economic coordination to face common challenges, cultural integration, future enlargement, etc. are all indispensable to understand the way in which Europe is changing. But also much more day-to-day issues, such as travel mobility, education exchange programs, citizen's participation, supranational networks of people in the arts or in business, unified labor market, gender participation, human rights, consumer's protection, etc. are all in the process of developing a more robust and functional European Citizenship.

- **SF-1110 Decoding Boston: Signs and the City**

Credits:

4.00

Description:

This interdisciplinary seminar will explore the buildings, monuments, sites, and signs around Boston from the point of view of Visual and Culture Studies. In addition to providing a compelling introduction to the history, major landmarks, and culture of the city, the seminar is specifically intended to improve students' visual literacy: that is, their awareness of their visual environment and their ability to critically analyze the rhetoric of the spaces, buildings, and images with which they are surrounded.

Type:

Local Engagement Experience

- **SF-1122 The Ethics of Peace and War: From The Ancient World to the Present**

Credits:

4.00

Description:

This course will explore historical, ethical and political issues concerned with matters of peace and war. We will examine a variety of different texts: religious, historical, philosophical and literary, but the main emphasis will be philosophical justifications for war and philosophical visions of just peace, with an eye to contemporary questions in the War on Terror. To the extent that we use non-philosophical texts, this will be in the service of focusing the imagination on the philosophical issues and applying theoretical frameworks to historical events.

• SF-1127 The Vietnam and Iraq Wars: Polarized Perspectives

Credits:

4.00

Description:

This class will examine some of the many controversies surrounding the Vietnam and Iraq Wars, two conflicts that have been profoundly polarizing for the American people. There are widely divergent perspectives regarding the fundamental questions surrounding each war. Were the reasons for American involvement just? To what extent were the methods used by the United States military during each war just? To what extent did the media play an appropriate role before, during, and after each war? Did opposition to these wars serve primarily to benefit the enemies of the United States or did it constitute a form of patriotism and love of country? This interdisciplinary course will address these and other complex questions by examining the histories, literature, and films (both documentaries and dramatic) that have been produced in response to these wars.

• SF-1128 Sustainable Media

Credits:

4.00

Description:

Contrary to a popular perception that information, communication and entertainment technologies are clean, ecologically benign and paperless, the reality of an increasingly digital life is that our fascination with the next best thing in mobile phones, video game consoles, personal computers, digital cameras, tablets, etc., has devastating impacts on our environment. These media devices are manufactured using toxic ingredients in poisonous working condition, require an abundance of energy to operate, and create hazardous waste when disposed. Media technology companies and the advertising industry that markets their wares have successfully persuaded consumers to accept rapid obsolescence and to highly anticipate the latest upgrade. But some consumers, electronics manufacturers, policy makers, and environmental groups are working to change the culture of

consumption in favor of sustainable media practices that lessen the environmental footprint of the digital devices we use everyday. The purpose of this course is to understand the problem of unsustainable media, and the possible solutions for a sustainable media system.

- **SF-1129 Beacon Hill: Fact, Fiction, and Fantasy**

Credits:

4.00

Description:

The course will explore the physical geography, history, and image in literature, film, and pop culture of Suffolk University's Beacon Hill neighborhood. The purpose and objective of the course is to provide students with a deep knowledge, understanding, and appreciation of Beacon Hill through examination of written and visual sources, and feet-on and eyes-on experience of the public parts of the Hill.

Type:

Local Engagement Experience

- **SF-1133 Problems and Solutions in Early American History**

Credits:

4.00

Description:

This course will examine four major problems in the early American republic: forming a government; bridging vast distances on the American continent; slavery; international relations. We will explore the various proposed solutions to these problems. Some of the solutions worked well, others were more disastrous than the initial problem. We will read primary documents pertaining to these issues, and try to imagine how men and women considering the problems might have responded to them. What solutions could be proposed? What solutions would work? What were the political, economic, or social difficulties generated by the problem and by the proposed solutions? In considering the problems, we will also learn how to use the various archives close at hand: the Sawyer Library, the Boston Public Library, the Massachusetts Historical Society, and the Massachusetts State Archives. Students will also post their findings on a class blog, and present their work to one another in class.

- **SF-1134 The Meaning of Life**

Credits:

4.00

Description:

What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? This award-winning course offers a cross-cultural, interdisciplinary exploration of these questions through philosophical and religious texts, art, fiction, autobiography, and psychological studies. The course opens with the Old Testament's book of Ecclesiastes, followed by three units: 1) A Life Worth Living: Humanity's Ideals focuses on the ancient and modern visions of human flourishing; 2) Threats to Meaning: Humanity's Discontents, discusses the disillusionments leading to the loss of meaning; and 3) Recovery of Meaning: Crises and Hopes, explores the post-crisis possibilities of self-discovery and growth. Please visit <http://meaningoflife.cherkasova.org/>

- **SF-1135 Women Warriors: Stories of Captivity, Conversion, and Confession**

Credits:

4.00

Description:

Since the beginning of time, women have been doing battle to themselves, while men have gone to battle against others. Whether it is through converting to Christ, yielding to captors in order to survive, or carrying a baby, this course introduces students to the many ways in which, whatever battles they face, women are warriors; they survive. Utilizing an array of captivity, conversion, and confession narratives by women, and pairing them across the centuries, students will make connections and draw conclusions between early-and mid-19th-century-American and contemporary women. Students will connect, for example, the trials of the 17th-century Puritan captive, Mary Rowlandson, and contemporary hostage, Elizabeth Smart, to explore how women (no matter how different they seem) draw upon unique inner resources to survive.

- **SF-1141 Classical Civilizations: Pathways to Wisdom**

Credits:

4.00

Description:

How is it that the knowledge, intelligence, wisdom and values of the Greeks and Romans still educate and edify the world by providing venues towards leading fulfilling and dignified lives? The guiding principles of their respective civilizations rested upon eight pillars: - Humanism: It was recognized that humans have the potential to master their world and live life to the fullest. -The Pursuit of Excellence: To imagine the highest good and strive to attain it. - Self Knowledge: It is imperative to know oneself before seeking to know the world. - Rationalism: Always question, reason and discern truth from falsehood and never consider any matter superficially. - Restless Curiosity: Often the resolution of one issue leads to the revelations

of others mysteries and pursuits which compels further investigation. The wise individual makes this a lifelong endeavor. -Love of Freedom: As long as one brings no harm to others, one must be free to live and discover as much as possible. - Individualism: All are unique and, therefore, must recognize individual strengths and identity. -The Practice of Moderation: The prudence of avoiding extremes in personal and social conduct. In this course, students will read two (brief) texts on the Greek and Roman contributions to the world and then will proceed with specific readings which illuminate the eight principles above for achieving the good life.

- **SF-1143 In the First-Person: Storytelling in the 21st Century**

Credits:

4.00

Description:

This section of the Seminar for Freshmen will consider the forms, venues, and impacts of narrative nonfiction in contemporary culture. From the exploding popularity of personal essays in the digital age to the living, evolving essays we create on social media, we are constantly narrating and archiving our lives, shaping their content for specific audiences. In doing so, we shape what our experiences mean and represent. In order to analyze the power of narrative nonfiction, we will look at a variety of multimodal texts: essays, podcasts, Instagram and Twitter feeds, stand-up comedy, and storytelling slams, as well historical texts such as the essays of Michel de Montaigne and historical artifacts at the National Archives in Boston. We will also write our own narrative nonfiction, and adapt our first-person stories for listening and viewing audiences, such as the MassMouth story slam and podcasts like This American Life. Additionally, we will practice narrative nonfiction for professional audiences, using storytelling as a way to showcase personal strengths to employers, internship coordinators, and the like.

- **SF-1144 Native Americans: Walking in Two Worlds?**

Credits:

4.00

Description:

Native Americans are often described as walking in two worlds, as they attempt to navigate the process of maintaining their tribal identity and heritage while living in mainstream America. In recent years there has been a shift towards tradition and heritage, and a rejection of Western values and norms in both the US and Canada. In this course we will look at how Native people live in the US and Canada today, and examine the extent to which they are either trying to walk in two worlds or perhaps rejecting the two worlds model. To help us answer this question, we will read about reservation life, the Idle No More Movement, Indigenous History, and current events. We will also watch videos and explore indigenous culture.

- **SF-1145 Emergence of Southeast Asia**

Credits:

4.00

Description:

Explores the eleven countries and 600 million people of Southeast Asia starting with foundations- geography and environment- and then looking at the human imprint, in the form of the history, religions, and cultures of the region. An examination of contemporary issues related to demography, politics, and (especially) economics.

- **SF-1146 Fido the Friendly Wolf: A Natural History of Dogs**

Credits:

4.00

Description:

This course explores the evolution of dogs from wolves and the ways in which dogs have adapted to their niche in human society. The ecology, behavior, genetics, and adaptations of dogs will be explored in relation to both their wolf ancestry and artificial selection by humans. The course includes 2 mandatory field trips to a wolf sanctuary and an animal shelter.

- **SF-1147 Global (In) Security: From ISIS to Ebola**

Credits:

4.00

Description:

This course reviews the principal features of global and national security as it is currently practiced by tracing the evolution of theories, policies and circumstances whereby current international security is developed. Students will evaluate the nature and origins of war, arms proliferation, military instability, terrorism, genocide, health threats and natural resources depletion.

- **SF-1148 Brave New Worlds**

Credits:

4.00

Description:

Explores themes of adventure, self-discovery, exile, and culture shock in classic and contemporary travel writing (including fiction, poetry, and non-fiction) as well as film. Students will experiment with creative writing of their own, develop theories of cosmopolitan world citizenship, travel through the city of Boston on field trips, and team up to learn about different countries in Suffolk's global network of study abroad programs.

• SF-1150 Religion in Contemporary Society

Credits:

4.00

Description:

This course is design to provide students with an overview of the social settings and cultural meanings of religion in the contemporary world. Topics that will be covered in reading and discussions include the rise of religious fundamentalism, religion and violence, women's and men's religious experiences, new religions, and portrayals of religion in popular films. In addition to the readings, students will observe and experience religious expressions and activities through fieldwork assignments. The emphasis on films and fieldwork reflects my belief that religion is made up of lived experiences of actual individuals and communities. In order to understand religion in contemporary society we will make every effort to see (in person or in film) a wide range of religious activities. The films we will see include some of the following: Leap of Faith, Devil's Playground, Kadosh, Women of Hizballah, Singing Stream, A Still Small Voice.

• SF-1151 Reproduction and Society

Credits:

4.00

Description:

This course explores relationships between reproductive health and rights both nationally and internationally. Many of our topics fit into two broad areas: conflicts over the control of childbearing (sterilization abuse, birth control, and abortion) and conflicts over who deserves to be a mother, especially when the mothers in question face social stigma and lack political power. Other topics include safe birth and maternal mortality, breastfeeding, infertility and reproductive technology. We also examine the politics of women's sexual and reproductive autonomy, including the policies that shape women's choices to prevent, achieve, abort, or carry to term a pregnancy. Throughout, we are guided by the following questions: Why is reproduction an important site through which to understand society? How do statuses such as race, class, gender, sexuality and ability influence people's reproductive possibilities? What is the role of the state in shaping these experiences? How have communities supported or resisted efforts at reproductive control? Why is reproductive justice central to these answers?

- **SF-1152 The Idea of America: Past, Present, Future**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. The course will also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. Because this course intends to apply theoretical understanding to real life, students will be expected to read contemporary journalism on a regular basis and assess the controversies of today in the light of the nation's philosophical and historical currents.

- **SF-1153 Law, Disease, and Public Health**

Credits:

4.00

Description:

This course is about public health law, which is the study of the legal powers and duties of the various systems of government in the United States (federal, state, and local) in collaboration with their partners (e.g., health care, business, the community, the media, and academe), to ensure the conditions for people to be healthy (to identify, prevent, and ameliorate risks to health in the population), and of the limitations on the power of these systems of government to constrain for the common good the autonomy, privacy, liberty, proprietary, and other legally protected interests of individuals. The prime objective of public health law is to pursue the highest possible level of physical and mental health in the population, consistent with the values of social justice. The course will focus especially on public health law in the area of epidemic disease. Case studies will be made of the Great Influenza of 1918 and the origins and spread of the Ebola virus, culminating in an examination of outbreaks of Ebola in the United States.

- **SF-1154 Introduction to Visual Studies**

Credits:

4.00

Description:

This seminar provides an introduction to Visual Studies, a relatively new interdisciplinary field that examines how images communicate and the roles that they play in society. Students will apply the concepts and techniques of Visual Studies to analyze sites and signs around Boston, such as advertisements, street signs, fashions, newspaper photographs, buildings, and public spaces. Class projects will increase students' awareness of their visual environment and their ability to critically analyze the visual rhetoric that surrounds us and is often used to manipulate us.

Type:

Local Engagement Experience

- **SF-1155 The Boston Olympics**

Credits:

4.00

Description:

This class will teach students about the key role that sporting events can play in building a city, building its brand and the politics surrounding the process of these things occurring. Topics may include: urban development in general and the transformation of the industrial to the post-industrial Boston; the way in which cities use events like the Olympics to build their place brands; the way an effort like the Olympics can be used to encourage large scale public investment in longer term infrastructure projects that otherwise might not be justifiable; and the way government works with interest and community groups to try to shape public policy.

- **SF-1156 Thinking About the Insanity Defense**

Credits:

4.00

Description:

This course examines sixteen case examples providing a clear and compelling introduction to one of the most important topics in the relation between public policy and law. This course addresses: the history of the insanity defense; the effects of different standards for determining insanity; the arguments for its retention; abolition, and revision; media and other responses to it; and the controversies around pre and post conviction commitment. The case examples illustrates a variety of outcomes and include individuals who were found not guilty by reason of insanity; found guilty even though mentally ill; and not charged because of mental illness.

- **SF-1157 Germany in Film and History, 1945-2015**

Credits:

4.00

Description:

Since 1945, Germany has had a lot of history to reckon with- and 21st century Germany history through film, newsreels and other archival footage, radio and TV shows, war memorials and museums built since 1945, novels, published diaries, and memoirs. We will also read recent historical scholarship to put these cultural texts in context. Topics include the representation, in film and other texts; of: post-war rebuilding, the German Economic Miracle; the building of the Berlin Wall; radical politics of the 1960s and 1970s; coming to terms since 1945 with Germany's Nazi past and the Holocaust; coming to terms since 1990 with the Stasi and East German past; Ostalgie (nostalgia in the 21st century for some aspects of East German socialism); the multicultural society that is Germany today, with new Turkish, Greek, Russian, Arab, and even Israeli communities.

• SF-1158 Global Climate Change

Credits:

4.00

Description:

Conversation about the weather is considered to be the universal icebreaker. Yesterday's sweltering heat, the storm predicted for this weekend, even long-term climate shifts find their way in our daily conversation. Today, however, such casual conversations have an edge to them, because we are realizing that humans play a role in determining the climate shift. In fact, understanding the human fingerprint in the Arctic tundra melting, or a devastating hurricane, has gone well-beyond small talk to become one of the most important challenges our society faces today, and on that is wedded to geopolitics. To meaningfully participate in any dialogue that addresses this challenge people have to be aware of certain key ideas of Physics and Planetary Science. The aim of this course is to provide you with some of the essential facts and pieces of science underlying such questions. This course will enable you to grasp many of the issues that dominate today's political discourse and to develop an informed opinion (your, not our!) for which you can rationally argue.

• SF-1160 Individuals and Society in the Zombie Apocalypse

Prerequisites:

CAS Freshmen Only

Credits:

4.00

Description:

The Walking Dead tells viewers that life in the zombie apocalypse requires people to fight the dead, fear the living. Sociologists want to know why we should fear the living. How do individuals come together and try to recreate society for themselves: either to build community or fight other groups? What role do morals and values have in a society? How does all of this determine life, death, and the struggles people must face? Questions like these will give our class a new view of The Walking Dead and can help us to learn more about the society that we live in where so far the dead have remained in the ground.

- **SF-1162 Space Missions: From Moon to Mars and Beyond**

Credits:

4.00

Description:

It is hard to believe that only 60 years ago, our only close-up view of a planetary body was that of Earth. We are truly living in the Golden Age of Space Exploration, when a new mission every few years brings us spectacular images from either a neighbor in the solar system or galaxies at the edge of the universe. This course will describe the dozen space missions that changed our view of the universe, ranging from our solar system to the most distant galaxies.

- **SF-1163 Spellbound! Witches, Wizards and Spirits In American Literature**

Credits:

4.00

- **SF-1164 Reinventing Europe: Beyond Brexit and Secular Stagnation**

Credits:

4.00

Description:

While newspaper headlines focus on the multiple problems Europe is facing today, the evolving adaptation of European nation states and the integration process receive less attention. Brexit and economic crises seem to be synonymous of Europe today, but facts such as the European Union accepting five new members in the coming five years or Europe being the most advanced environmental actor or the main international provider of official aid are often ignored by public opinion. This Seminar for Freshman examines the dynamic evolution of the integration process in Europe in the

context of globalization. Three sections articulate the main debates and tensions in the interplay between national and supranational institutions and policies. The first part analyzes how eight European countries have forged their national preferences to delineate their level of immersion in the integration process; it later proceeds with the examination of the main historical events in the history of the integration process. The second part explores the functioning of the EU institutions in order to grasp the essence of the complex policy-making in the Europe of 28 members. The third and final section presents the analysis of the main areas of the EU policy making such as agriculture, monetary and economic issues, among others, and observes the main developments in the area of EU external relations.

- **SF-1165 History of Boston**

Credits:

4.00

- **SF-1166 Cinema-Monde: Global Challenges on Film**

Credits:

4.00

Description:

This course focuses on French-language films - with subtitles! - that address pressing social issues of the 20th and 21st centuries, such as hunger, female genital mutilation, immigration, racism, economic inequality, genocide, gender, sexuality, colonialism and post-colonialism.

- **SF-1167 Fantasy Fiction: Imaginary Worlds**

Credits:

4.00

- **SF-1168 The Real Thing: the Pursuit and Problems Of Authenticity**

Credits:

4.00

Description:

This course will focus on the concept of authenticity in American culture, from its origins in the early 19th century to the present. When the advertising gurus of Coca-Cola branded it as "The Real Thing," they were exploiting something powerful: the idea of something real, stripped of any falsity or illusion. Humans have always desired to know the world and others as they really are," but this desire is particularly strong in the modern world: witness the eagerness to discover one's true self," cut through the B.S., obtain the genuine article, and live authentically. In this course we will interrogate this pursuit of the Real Thing. In various ways, the texts we study both embrace authenticity as an ideal and also question its goodness, usefulness, or even its very possibility. We will thus confront a number of interrelated questions: Where does this desire for authenticity come from? What counts as authenticity," in life and in art? Is authenticity really a virtue to live by? How does it shape artistic and literary expression? Is there even such a thing as the real you This course will be divided into three units. In the first unit, "Counterfeiters and Self-Made Men," we will study how a commitment to authenticity arises in antebellum American literature and culture during a time of rapid national expansion and invention. Readings will include texts by Henry David Thoreau, Ralph Waldo Emerson, Herman Melville, and P.T. Barnum. In the second unit, "Authenticity and Contamination," we will consider two major ways in which authenticity becomes idealized around the turn of the 20th century: as artistic ideal set against fears of mass cultural production, and as a cultural ideal set against fears of racial and cultural mixing. Readings will include texts by Ernest Hemingway, Nella Larsen, Jean Toomer, and William Carlos Williams. In Unit Three, "Buying and Selling Authenticity," we will examine how authenticity becomes commodified (

- **SF-1169 Immortality: Real and Imagined**

Credits:

4.00

Description:

Most of the world's religious traditions have as a part of their doctrines some notion of immortality, rendered both in scriptures as well as iconographically. What precisely is entailed by immortality and why does it constitute such a significant element of so many religious traditions? What can we learn about immortality by investigating various conceptions of the afterlife? Is immortality truly a desirable thing? These questions among others will be examined from the perspectives of philosophy, religion, psychology, anthropology, and biology. Besides being cross-disciplinary, the course will be multi-media in nature. In addition to reading philosophical and religious texts concerning the nature of immortality, students will study various accounts of immortality and the afterlife, examine how the afterlife has been dealt with in (visual) art, literature, and film, and investigate current research into life prolongation (biomedical gerontology).

- **SF-1170 From Philia to Facebook: the Meaning of Friendship**

Credits:

4.00

Description:

The thematic focus of this seminar will be friendship. Friendship is one of the most important of human relationships; one that every student in this seminar has already participated in for many years. It shapes who we are and helps determine who we may become. And while it is a universal phenomenon, it has been practiced quite differently at various times and places in human history. And while we all have an intimate, personal and practical knowledge of friendship through our own experiences, sometimes things that are so close and so obvious to us can be hard to see. Over the course of the semester we will inquire into friendship from many different angles, trying to gain both a broader and a deeper understanding than our own individual experience allows. We will look at friendship first through the lens of philosophy, particularly through the foundational text of Aristotle, *The Nicomachean Ethics*. We will look at other views of friendship from the ancient world, starting in the past to help us see that friendship has not always been thought of the way we think of it now. After this initial foundation is laid, we will examine other writers and thinkers and take up additional topics like friendship in different cultures, friendship and gender, friendship in and through the arts and include an examination of friendship through the lenses of many different academic disciplines to see how other systematic thinkers conceive of friendship. All along we will be comparing and contrasting with our own personal experiences and considering what modern technology, such as social networking sites, has done to influence friendship, in the way we practice it and the way we conceive it. It is the aim of this class that students not just study different academic points of view, but that they take up the questions and challenges that these thinkers present to them and fully engage with them on a meaningful personal level.

- **SF-1171 Living on and Beyond the Hyphen/Latino Writers in the USA**

Credits:

4.00

Description:

Hyphenated-Americans of Latino origin come from many places and backgrounds. Often perceived as a divide, an either/or that separates and distinguishes one ethnic group from another, the hyphen can also be viewed as a link that connects, integrates and facilitates the formation of new cultural spaces. Through films and written narratives by and about U.S.A. Latino(a)(x)-Americans, students will examine how individuals who live on the threshold between two languages and cultures embrace the challenge of preserving their own identity and moving beyond stereotypes. Each of the Latino/a/x authors that we will read in this course will describe his/her own experiences living in the U.S.A. By examining their views through our own filtered lens we shall try to answer questions like the following: 1. What role does language have in our definition/understanding of cultural identity? 2. How do individuals move beyond the hyphen and stop seeing themselves as hybrids? 3. How can an individual who does not belong to a marginalized group (i.e. one considered less powerful and secondary) understand and empathize with those who do? 4. How does globalization affect the dichotomies that arise in bi-cultural and multi-cultural communities?

- **SF-1172 The United States Mexican Border**

Credits:

4.00

Description:

One hundred and sixty nine years have passed since the Treaty of Guadalupe Hidalgo was signed. It is only fitting to analyze the profound changes that the gain/loss of these territories caused for the citizens of both sides of the border. This course will explore the literature, culture, and history of the United States-Mexican Border and the most pressing problems pertaining to the region. Emphasis will be on contemporary border theater and film. The works of Salcedo, Galindo, Lopez and others will be studied as well as contemporary films and documentaries such as *Alambrista*, *Senorita Extraviada*, *The Gatekeeper*, *Sin Nombre*, *Wetback: the Undocumented Documentary*, *Victoria para Chino*, *Which Way Home*, and much more. There are no prerequisites for this course. Though the course is conducted in English, parallel readings in Spanish will be made available to those who wish to read and/or compare the original texts.

Students in the CAS Honors Program should choose one Seminar for Freshmen course from those listed below:

- **SF-H101 Fixing the World- Energy and Water: The Science of Solutions**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

Two of the most daunting challenges the world faces (or will face) is how to provide for both its growing energy needs and potable drinking water. Regular news events include climate change, droughts, flooding, and petroleum struggles. Human nature often requires a severe crisis before it responds. This course will investigate the historical science driving the use of energy since the Industrial Revolution to convert energy resources into work, including the steam engine, the electric motor, and the internal combustion engine. It will also consider alternative energy options to fossil fuels, such as solar, wind, geothermal, and ocean power. Along the way we will consider the evidence for Global Warming and Climate Change. We will look into human nature, simple life styles, conspiracy theories, and the influence of those in power to shape human opinion. We will also consider how our water supply is provided and where it goes after being used. What options do developing countries or drought racked areas have to remedy their water needs? Although the course pursues a scientific understanding of these issues, the mathematics used will be gentle, and a larger emphasis will be placed on the intuitive appreciation of these concerns.

- **SF-H116 Enlightened Insanity**

Prerequisites:

CAS Honors students only.

Credits:

4.00

Description:

Rain or shine, the great 18th century Enlightenment philosophers would meet at the famous cafes of Paris to discuss their ideas, and to observe and criticize society. From these informal debates emerged ideas that are at the core of our modern understanding of the nature of society, marginality, human nature, civil rights, the essence of creativity and genius. Come join us in the quest to understand, define, observe, and analyze the key ideas and concepts of these great thinkers, such as Rousseau, Diderot, and Voltaire, still so relevant in our time. We will read key works of these creative thinkers and philosophers. We will enrich our experience and understanding through the use of film, theatre performances, museum visits, as well as the occasional cafe debate.

Type:

Honors

- **SF-H126 The Boston Theatre Scene: The Inside Experience**

Credits:

4.00

Description:

Using the current Boston theatre season as its syllabus, this writing- and analysis-intensive course will explore several plays in production at some of Boston's many professional theatres. We will study the script of four to five plays before attending performances of those works. Students will gain insights on the world of theatre through backstage tours and conversations with theatre professionals such as producers, directors, actors, designers, playwrights, and critics. Students must be available for evening (usually Wednesday) performances. A fee for student-rate tickets will be assessed.

Type:

Honors

- **SF-H178 Sacred Hoops & Sneaker Pimps: Understanding the American Hoop Dream**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This course is about the basketball hoop dream played out at the high school and college levels. We will study a wide variety of materials - novels, films, websites, reference works - to understand both the construction, and destruction, of the hoop dream in such diverse places as New York City, Seattle, rural Indiana, suburban Georgia, and the Wind River Reservation in Wyoming. Issues of race and culture will serve as guiding themes as we develop critical theory explaining why the hoop dream has persisted, and adapted, over time, to fit the needs of its believers and supporters.

Type:

Honors

- **SF-H182 Heroes, Antiheroes and Outsiders: Reading the Graphic Novel**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

How is it that comics", a genre often viewed as entertainment for children and adolescents, has become one of the most exciting forms of narrative and visual art? To answer this question, this seminar will examine a range of graphic novels, from those that celebrate their origins in superhero comics, such as Alan Moore's *Watchmen*, to those that treat subjects not usually considered proper to the comics genre, such as Art Spiegelman's *Maus*, about the Holocaust, and Alison Bechdel's *Fun Home*, about the complexities of sexual identity. As we read these works, we will look at how the combination of words and still images makes the graphic novel a unique storytelling form, as well as how artists and writers push the envelope to create new styles and challenge our expectations. In addition to class discussions and writing assignments, we will take a field trip to the Museum of Fine Arts and create a collaborative group graphic novel step-by-step over the course of the semester (all abilities welcome).

Type:

Honors

- **SF-H197 Sustainability, Energy, and Technology At Suffolk University**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

In this project and team-based course, students study a sustainability problem at Suffolk University and spend the semester developing proposals to address the problem. At the end of the course students will present their proposals to Suffolk University's sustainability committee, and will exhibit their websites and visual aids in the Donahue lobby to educate the Suffolk community about sustainability. If their proposals are well-researched and well-communicated, students can see their ideas actualized while they are still undergraduates.

- **SF-H1134 The Meaning of Life**

Prerequisites:

CAS honors students only.

Credits:

4.00

Description:

What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? This award-winning course offers a cross-cultural, interdisciplinary exploration of these questions through philosophical and religious texts, art, fiction, autobiography, and psychological studies. The course opens with the Old Testament's book of Ecclesiastes, followed by three units: 1) A Life Worth Living: Humanity's Ideals focuses on the ancient and modern visions of human flourishing; 2) Threats to Meaning: Humanity's Discontents, discusses the disillusionments leading to the loss of meaning; and 3) Recovery of Meaning: Crises and Hopes, explores the post-crisis possibilities of self-discovery and growth. Please visit <http://meaningoflife.cherkasova.org/>

Type:

Honors

- **SF-H1135 Women Warriors: Stories of Captivity, Conversion, and Confession**

Credits:

4.00

Description:

Since the beginning of time, women have been doing battle to themselves, while men have gone to battle against others. Whether it is through converting to Christ, yielding to captors in order to survive, or carrying a baby, this course introduces students to the many ways in which, whatever battles they face, women are warriors; they survive. Utilizing an array of captivity, conversion, and confession narratives by women, and pairing them across the centuries, students will make connections and draw conclusions between early-and mid-19th-century-American and contemporary women. Students will connect, for example, the trials of the 17th-century Puritan captive, Mary Rowlandson, and contemporary hostage, Elizabeth Smart, to explore how women (no matter how different they seem) draw upon unique inner resources to survive.

Type:

Honors

- **SF-H1146 Fido the Friendly Wolf: A Natural History of Dogs**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This course explores the evolution of dogs from wolves and the ways in which dogs have adapted to their niche in human society. The ecology, behavior, genetics, and adaptations of dogs will be explored in relation to both their wolf ancestry and artificial selection by humans. The course includes 2 mandatory field trips to a wolf sanctuary and an animal shelter.

Type:

Honors

- **SF-H1148 Brave New Worlds**

Prerequisites:

Restricted to CAS Honors students

Credits:

4.00

Description:

Explores themes of adventure, self-discovery, exile, and culture shock in classic and contemporary travel writing (including fiction, poetry, and non-fiction) as well as film. Students will experiment with creative writing of their own, develop theories of cosmopolitan world citizenship, travel through the city of Boston on field trips, and team up to learn about different countries in Suffolk's global network of study abroad programs.

Type:

Honors

- **SF-H1152 The Idea of America: Past, Present, Future**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. The course will also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. Because this course intends to apply theoretical understanding to real life, students will be expected to read contemporary journalism on a regular basis and assess the controversies of today in the light of the nation's philosophical and historical currents.

Type:

Honors

- **SF-H1161 The Playwright and the Stage**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This writing and script analysis intensive course will explore plays across a range periods and styles. The scripts of five plays will be studied and we will attend performances of two of those works at professional theatres in Boston. Other activities will range from a backstage tour to conversations with theatre professionals such as producers, directors, actors, designers, playwrights and critics, in order to lift the script off the page and provide a living experience of theatre. Requires students to be available for evening (usually Wednesday) performances. A fee for tickets at student rates will be assessed.

Type:

Honors

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Courses may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



2017-2018 Archived Catalog Information

Bachelor of Science in Journalism

The Bachelor of Science in Journalism is available to Journalism and Public Relations majors only.

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The BSJ degree requires the successful completion of the following courses:

Core Requirements: 14 courses, 51-52 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Humanities/History](#)

First-Year Writing: 2 courses, 8 credits

- WRI-101 First Year Writing I

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- **WRI-102 First Year Writing II**

Prerequisites:

WRI-101 or ENG-099 with at least a B and ENG-P099 with a P or WRI-H103

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

A student may be assigned to other writing courses or may be invited to take WRI-H103. Students required to complete ENG-099 may be allowed to waive WRI-101 with a grade of “B” or better and the approval of the English department. Students who are invited to complete WRI-H103 and earn a “B” or better satisfy the two Writing Requirements. Waiving a course does not earn credits.

- **WRI-H103 Advanced First Year Writing**

Prerequisites:

By Invitation Only.

Credits:

4.00

Description:

This course is by invitation only and reserved for incoming Suffolk students with high admission scores. Advanced study and practice of writing process, revision, and research, based on close readings of a variety of texts. Fall semester only.

Type:

Honors

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Courses may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



2017-2018 Archived Catalog Information

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- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Humanities/History](#)

Creativity & Innovation: 1 course, 3 credits

Choose one Creativity & Innovation course from those listed below:

- **ADF-S171 CI: Integrated Studio 1**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

Type:

Creativity and Innovation, Arts Admin Minor Elective

- **ADF-S172 CI: Integrated Studio II**

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

Type:

Creativity and Innovation

- **CI-000 CI Place Holder**

Credits:

0.00

Description:

Place holder for rooming purposes.

- **CI-101 Process and Epiphany**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Despite its mystical connotations, creative epiphany is the result of a long engagement with the creative process that results in a surprising and unpredictable understanding of a concept or the solution to a problem. In the way that the discoveries of science are guided by the scientific method, the path to creative innovation is through a directed creative process. All creative innovators follow such a directed creative process, whether they are industrial designers or fine artists, performers or inventors, architects or entrepreneurs. This course explores both historical examples of individuals whose creative innovation changed the world, as well as hands-on collaborative, practical problem solving employing the creative process.

Type:

Creativity and Innovation

- **CI-H101 Honors- Process and Epiphany**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Despite its mystical connotations, creative epiphany is the result of a long engagement with the creative process that results in a surprising and unpredictable understanding of a concept or the solution to a problem. In the way that the discoveries of science are guided by the scientific method, the path to creative innovation is through a directed creative process. All creative innovators follow such a directed creative process, whether they are industrial designers or fine artists, performers or inventors, architects or entrepreneurs. This course explores both historical examples of individuals whose creative innovation changed the world, as well as hands-on collaborative, practical problem solving employing the creative process.

Type:

Creativity and Innovation, Honors

• CI-102 The End of Global Poverty

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. More than one-third of our global population lives in poverty, earning less than two dollars a day. Governments, businesses, social enterprises, and charitable organizations have tried to solve the global poverty issue with mixed results. What is the solution? Is entrepreneurship the solution, part of the solution, or has no impact whatsoever? In this course, you will gain an understanding of the power of entrepreneurship (in the context of creativity and innovation), the definition and depth of global poverty (in the context of constraints, such as human, financial and physical resources embedded in local, regional, national and global cultures), and successes and failures of past initiatives to reduce poverty. This is not a course about politics or business, but rather finding a solution to a problem that has eluded mankind since the beginning of time.

Type:

Creativity and Innovation

- **CI-H102 The End of Global Poverty**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. More than one-third of our global population lives in poverty, earning less than two dollars a day. Governments, businesses, social enterprises, and charitable organizations have tried to solve the global poverty issue with mixed results. What is the solution? Is entrepreneurship the solution, part of the solution, or has no impact whatsoever? In this course, you will gain an understanding of the power of entrepreneurship (in the context of creativity and innovation), the definition and depth of global poverty (in the context of constraints, such as human, financial and physical resources embedded in local, regional, national and global cultures), and successes and failures of past initiatives to reduce poverty. This is not a course about politics or business, but rather finding a solution to a problem that has eluded mankind since the beginning of time.

Type:

Creativity and Innovation, Honors

- **CI-103 Making Inventions: Sticking Your Neck Out**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course examines cutting edge technologies, the science behind them, and their practical application and follow-up success or failure. It also provides the students a chance to consider the relevance of identified needed inventions from the 1950s, and whether those projections were correct. The history behind some remarkable inventions will be presented. Finally, working in small teams, students will brainstorm to identify something useful to invent and determine several approaches to implementing it.

Type:

Creativity and Innovation

- **CI-104 Historic Mentors: Biographies of the Creative and Innovative**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course introduces students to creative and innovative practices as a disciplined approach to problem-solving. Students are presented with diverse individuals and environments, thoughts and actions, challenges and opportunities, approaches and alternatives, successes and failures, and ethical behavior--all within the context of historical biographies of inventors, entrepreneurs, artists, musicians, writers, politicians, leaders- nationally and globally. Mentoring is becoming a lost art form. However, it is crucial for passing down the best of our civilization. This course offers a vicarious mentoring that enables students to critically learn from and assess the experience of others in a vast array of contexts. Thus, students are presented with a cross-section of role models for creative, innovative and ethical success.

Type:

Creativity and Innovation

- **CI-106 Failing Successfully**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. Did you know Netscape was the internet browser? What about MySpace, arguably the Facebook of the last decade? What led Apple from being innovative pioneers of the 70's to the verge of extinction in the 80's to the technological giant they are today? Technologies come and go, but what leads to organizations lasting more than 100 years such as IBM, General Electric, etc.? What role does failure play in successful innovation, decision-making, and business viability? In this course, you will learn about innovation that may have been successful and well-executed. You will also learn about innovation that was a viable business opportunity, but poorly executed: one phase of failure. In addition, you will learn about innovation that had no real market viability, but was launched anyway: another phase of failure. Can failure lead to success? If so, how?

Type:

Creativity and Innovation

• CI-H106 Failing Successfully

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. Did you know Netscape was the internet browser? What about MySpace, arguably the Facebook of the last decade? What led Apple from being innovative pioneers of the 70's to the verge of extinction in the 80's to the technological giant they are today? Technologies come and go, but what leads to organizations lasting more than 100 years such as IBM, General Electric, etc.? What role does failure

play in successful innovation, decision-making, and business viability? In this course, you will learn about innovation that may have been successful and well-executed. You will also learn about innovation that was a viable business opportunity, but poorly executed: one phase of failure. In addition, you will learn about innovation that had no real market viability, but was launched anyway: another phase of failure. Can failure lead to success? If so, how?

Type:

Creativity and Innovation, Honors

• CI-107 Going Up: Skyscraper Design in Emerging Economies

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The human population is expected to be between 8.5 and 9 billion persons by the mid-21st century. The majority of those individuals will be living in urban communities. With large populations, high real estate costs, and limited land areas, the only way to construct in urban environments is to go up! In this course, students will have an opportunity to look at traditional and novel skyscraper designs, to consider the cultural and economic significance of such structures, and to use their imagination to develop a conceptual design of a skyscraper.

Type:

Creativity and Innovation

• CI-108 Designing the Next Best Thing

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Demystifies the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking.

Term:

Offered Both Fall and Spring

Type:

Creativity and Innovation

- **CI-109 Virtual Globe Trekking: an Alternate View of the World**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will examine creativity and innovation through the lens of place. Modern geography is an all-encompassing discipline that seeks to understand the earth and all of its human and natural complexities - not merely where objects are, but how they have changed and come to be. The world is filled with ideas and perspectives. By changing your location, new perspectives emerge. This course will focus on the creative process to understand that each person creates in their own way. The students will test many methods to draw forth creative thought and seek to identify their own best method for calling on their own inner genius. Often this will involve failure and mixed results, yet this is where the students will learn their strengths and weaknesses.

Type:

Creativity and Innovation

- **CI-110 The Entrepreneur's Cocktail**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

How do you and your story drive business? This course takes an innovative look at human creativity and entrepreneurship. As an entrepreneur needs perseverance and high motivation, we will explore the importance of values, risk taking, problem solving, and the discovery of the market opportunities. In order for you to be creative and essentially create successful ventures, you will discover the nuances between the three factors and explore them further through interactive discussion and debate as well as collaborative group work. You will be encouraged to think in non-conforming ways and apply new concepts and develop your own personal operating principles.

Type:

Creativity and Innovation

• CI-111 The Future of Boston

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course introduces students to creative and innovative thinking based in the field of communication. Students will work in teams to wrestle with the challenges Boston will face in the future and propose feasible strategies to meet them.

Type:

Creativity and Innovation

• CI-112 Creating Problems: a New Solution for Sustainability

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

As the majority of the world population now lives in cities, for the first time in human history, issues of urban sustainability have become more complex and more important than ever before. Presented with case studies of urban efforts to gain a sustainability foothold, students will utilize ideation, critical thinking, and strategic decision making to both identify root problems and to present solutions. This course will lean heavily on ideation processes, teamwork, and logical methods of analysis to pursue actionable solutions for significant problems. The methods of problem identification and solution analysis learned in this class will be readily adaptable to many complex problems, helping the students to make informed and decisive determinations in their careers.

Type:

Creativity and Innovation

• CI-113 Revising Reality

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Reality and perception have been debated and discussed for millennia. Humans see and experience their world in different ways. How do humans determine what is true and good and what advancements are necessary? In this course, students will creatively explore these big questions and revisit knowledge using new and sometimes divergent perspectives. Students will participate in dirty and courageous learning by crafting products,

creating visual projects, and coming into original thought via trial and error. Students will also develop their analytical and critical thinking skills, while learning to communicate effectively and honestly.

Type:

Creativity and Innovation

• CI-114 Creating the Dream Team

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Every successful venture today is based on effective teamwork. Unlike a typical lecture format, Creating the Dream Team is a course that utilizes experiential group learning to provide students with pivotal team-building skills. These essential skills are vital for everyone's future success in the business world. As team players, students are challenged to think creatively. A collaborative problem-solving process is used to analyze real life business situations. Teamwork involves research, data collection and information analysis to develop creative solutions to typical business problems. Teams will utilize multi-media tools to present their innovative ideas. Classmates will provide peer feedback and review. Through iterations, all students will assume roles as project leaders, keynote speakers and collaborators on a series of Team Challenges. Upon successful completion of this course, all students will have formed working dream teams. As reinforcement and final evaluation, Dream Teams are required to create a multi-media Capstone Event as a course performance measure. This capstone presentation will showcase all of their newly acquired dream team-player skills.

Type:

Creativity and Innovation

• CI-115 Poetry Out Loud

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Students will develop a deep understanding of two seminal books of 20th century poetry and other key 20th century poems as they plan and execute small-group, end of semester reading performances. Students will write creative response poems to increase their understanding of the texts, and through cooperative decision making strategize effective ways to present their own poems and poems by Bishop or Frost. The class format will foster direct spoken engagement with matters of sound, rhythm, tone, and meaning. Final reading aloud performances will be recorded and added to the Suffolk University Poetry Center Archive.

Type:

Creativity and Innovation

• CI-117 Writing for Stage and Screen

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will engage students in the process of script writing. Working in groups of four or five they will craft adaptations of stories, create original scenes, or review sketches. By the end of the semester they will produce a complete script. Each alternating week, one group will serve as the executive committee that will approve the final draft of the script of the week. There will be exams based on the textual study of collaborative and adaptation techniques.

Type:

Creativity and Innovation

• CI-119 Theatre at Work

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Theatre at Work is an introduction to creative practice using live performance as a problem solving tool in an educational environment. Specifically, students will create a performance piece in response to an issue they have uncovered in collaboration with select groups of students in a host Boston Public School. There will be a special focus on normalizing risk-taking and the learning that comes from false starts and failed ideas. Students will be responsible for creating every aspect of their performance testing its feasibility on a limited budget, ensuring that the content meets established criteria, and successfully implementing and evaluating their success both with their peers and their audience.

Type:

Creativity and Innovation, Local Engagement Experience

• CI-H119 Theatre at Work

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

Theatre at Work is an introduction to creative practice using live performance as a problem solving tool in an educational environment. Specifically, students will create a performance piece in response to an issue they have uncovered in collaboration with select groups of students in a host Boston Public School. There will be a special focus on normalizing risk-taking and the learning that comes from false starts and failed ideas. Students will be responsible for creating every aspect of their performance testing its feasibility on a limited budget, ensuring that the content meets established criteria, and successfully implementing and evaluating their success both with their peers and their audience.

Type:

- **CI-121 Catastrophe Management: From 9/11 to the Boston Marathon Bombings**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will introduce students to the exciting world of emergency management from the perspective of scientists who are often utilized as experts during both small scale adverse events and large scale catastrophes. Students will actively and creatively explore the psychological, economic, and medical dimensions of these events and participate in role play in the classroom and site visits. By the end of the course, students will have a keen appreciation of emergency planning and management on the local and national levels.

Type:

Creativity and Innovation

- **CI-123 Comics & Co.**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Using visual narrative as the means of exploration, students will be led through a series of exercises that challenge their assumptions, broaden their perspectives, and excite their imagination. The relationship between critical, creative and inventive thinking will be the basis for individual and collaborative projects.

Type:

Creativity and Innovation

- **CI-125 Boston's Creative History in Perspective**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Our collective social consciousness is formed by physical space; through a mixture of exploration, discovery, and making, students will delve into the city that surrounds them, developing a sense of ownership and engagement in Boston's public space. During the course of the semester, students will uncover the ways that art and architecture have shaped the souls of cities around the world, using Boston as a template. In a series of local field trips, students will explore Boston through its art and architecture, focusing not only what is, but on what might have been -- designs that were ultimately unrealized. Through interview and visits with local artists and designers, students will also learn about the process of shaping public space, uncovering the myriad of ways that design decisions are political in nature. As a capstone to the course, students will create their own city plan -- identifying and researching a chosen social or physical challenge the city faces, then developing a proposal that would address their chosen issue. These design proposals will then be enacted using augmented reality. Like a layer of invisible ink, these projects will form a phantom city over the physical realities that surround us, displaying the dramatic potential of the imagination.

Type:

Creativity and Innovation

- **CI-127 Visual Perspectives: Coastline, Symmetries and Illusions**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

How do you measure the length of a coastline? How much symmetry is possible? What is an impossible object? How did the Mayans measure proportions? In this course, students will delve into these and other questions with a visual theme. While some will be clear-cut, others will be open-ended and require some choices, estimates or assumptions to be made. Throughout, the emphasis will be on creative problem solving.

Type:

Creativity and Innovation

- **CI-129 Elements of Attraction- Supply and Demand**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The intent of this course is for students to examine and effectively express in writing their ideas on creativity and to inspire undergraduate students to exceed their current levels of learning. Students will learn to meaningfully integrate course content into long term-retained useful skills through applied creative collaborations. This course is based on the idea that exposure and insight development will enable students to better visualize themselves in their desired fields and make informed choices within the variety of options available to them. The focus of the course will help students to assess their personal interests and strengths as they plan for their own educational and professional futures.

Type:

Creativity and Innovation

- **CI-131 Off to the Future: Leadership Through Compromise**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Some past political issues were resolved with great success (the Compromise of 1820), and some resulted in great failures (the US Civil War). In this course, students will study noteworthy political dilemmas of the past, identify the major problem solvers and examine the art of compromise. These investigations will provide guidance and inspiration for students to develop innovative and creative solutions to present day political problems such as climate change, immigration, Social Security, income distribution, higher education affordability, and homelessness. Students will work in teams and propose creative and innovative solutions that will convince the affected interest groups favorably, represented by teams of other students in the class, and result in compromises solving tomorrow's problems today.

Type:

Creativity and Innovation

- **CI-H133 Franklin and the American Experiment**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

What made Benjamin Franklin such a creative force in American history? We will explore the many facets of Franklin's life (printer, writer, scientist, statesman) and learn about Benjamin Franklin's political and diplomatic ventures, and will recreate some of his scientific experiments.

Type:

Creativity and Innovation, Honors

- **CI-135 The Design of Everything**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will explore a selection of the genius personalities and their creative work in 5 distinct areas of human creative endeavor; art, science, nature, technology and the built environment. The course explores the underlying similarities in the process of their discovery, invention and creativity across the disciplines. Studying such names as Newton, Warhol, Hawking, Jobs, Gaudi and Banksy, students will uncover the process of design through research, analysis, synthesis, iteration and error. In class group projects will allow a hands-on opportunity to create.

Type:

Creativity and Innovation

• CI-137 Re-write for Rights: Drafting a New US Constitution

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The American Constitution is an important document, framing the basis for our lives and the lives of our neighbors. Yet it is also a very old document, which may be seen as lacking when it is compared to newer constitutions from around the world, even places that we may regard as undeveloped. In this class we will study many constitutions and also talk to many people to craft a new constitution that reflects contemporary American society and its values.

Type:

Creativity and Innovation

• CI-H139 Creating, Promoting, and Participating in the Literary Arts

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. CAS and SBS honors students or GPA of 3.5 or above only.

Credits:

3.00

Description:

With the launch of Boston's new Literary Cultural District, we have renewed cause to celebrate the history and industry of literature in our city. This course will immerse students in the world of literary culture and its many branches: writing, editing, reviewing, and publicity. Students will practice the art of creative writing, and learn how writers find publishing venues, how authors build platforms for their work, and how literature reaches the public through readings, social media, book trailers and other marketing campaigns, authors interviews, and reader reviews. Various industry professionals, authors, editors and publicists will speak to the class about the artistic and business opportunities, trends, and futures of literature and literary publishing. Students will apply their knowledge and interests to a variety of projects, including book reviews, author interviews, social media campaigns, literary events, and other collaborative projects. We will also work as a class to launch a new digital literary journal at Suffolk.

Type:

Creativity and Innovation, Honors

• CI-141 Science = Creativity

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is focusing on the creative process by introducing students to creative practice as a disciplined approach to problem solving and innovation requiring research, persistence and grit. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in

original ways, embrace ambiguity and support divergent thinking and risk taking. The course will have an undertone based on science, but it is suitable for non-science majors too!

Type:

Creativity and Innovation

- **CI-143 Dreams, Demons, and Dynamic Artists Creative Nature**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

What motivates your creative nature? This course will explore converging themes in Art and Psychology in order to give students the tools they need to unblock their creative potential. Collaborative small team activities, assigned readings, large group discussions, and personal reflection exercises will provide an avenue for students to explore their own creative patterns and how they are influenced by, and perceived within, the world around them. Dreams, mental illness and psychosocial theories of self will also be widely discussed in order to give students context for this inter/intrapersonal exploration.

Type:

Creativity and Innovation

- **CI-145 Living and Laughing**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This is a course about laughing and living. While it sounds fun, it can also be complex, confusing, complicated, and convoluted. Laughter and humor are also very personal. The things that make you laugh are rooted in family, culture, and personality. We are going to spend the semester getting to know ourselves and each other in an attempt to understand more about why we enjoy what we enjoy.

Type:

Creativity and Innovation

• CI-147 Seeing Double, Printmaking, the Art of Discovery, Experimentation and Process

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Always wanted to explore a creative side but never had the opportunity to take an art class? Here's your chance! Sync the power of icons/ images with ideas and making. We will use cellphone and printmaking technologies in a workshop style environment. Rather than a lecture based class, this class we will play, learn and build new Neurological pathways towards creative thinking. Come to every class excited to learn, make and discover. This course will give you the building blocks for innovative thinking beyond the classroom. Power is in the image. As in the way a dream can grip you, images carry incredible amount of influence and creative potential, when they are seen. Glimpses of these images circulate in media, movies, cell phones, and so on. Learn to develop your own images and understand the broad world of images of human culture.

Type:

Creativity and Innovation

• CI-149 SL-Creative Writing and Literacy

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

In this course, students meet community needs by engaging in service-learning outside the classroom. This course will explore the value of creativity and play in developing reading and writing skills and the habits of lifelong learning, both in our own lives and in the lives of young people in Boston. In this course, we will work closely with the non-profit literacy organization 826 Boston, which works with students ages 6-18 on reading and writing skills through playful, creative workshops, as well as tutoring and other kinds of support. Students will learn about the work of 826 Boston by volunteering with the organization, and by the end of the semester you will conceive, plan, and run creative writing workshops of your own at 826 Boston.

Type:

Creativity and Innovation,Service Learning

• CI-H149 SL-Creative Writing and Literacy

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. This course will explore the value of creativity and play in developing reading and writing skills and the habits of lifelong learning, both in our own lives and in the lives of young people in Boston. In this course, we will work closely with the non-profit literacy organization 826 Boston, which works with students ages 6-18 on reading and writing skills through playful, creative workshops, as well as tutoring and other kinds of support. Students will learn about the work of 826 Boston by volunteering with the organization, and by the end of the semester you will conceive, plan, and run creative writing workshops of your own at 826 Boston.

Type:

Creativity and Innovation,Honors,Service Learning

• CI-151 Finding Your Creative Voice

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Schools and workplaces are becoming increasingly demanding and competitive, relying on unique ideas to continue innovation. Where do fresh ideas come from? This class will provide students with the tools they need to find creativity within themselves, and set them apart in the competitive arena. Students will explore who they really are at their core, identify their innermost thoughts and feelings, and uncover their creative identity while having fun! They will also learn to communicate, or share their creative voice clearly and honestly.

Type:

Creativity and Innovation

• CI-153 Branding and Visual Identity

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

A brand may be a product, service, an organization, or a person, and at the core of every brand is a visual identity. A brand's visual identity is its strategically planned and purposeful presentation of itself. It is manifest in the brand's name, logo, tagline (slogan), color palette and other sensory elements (visual, aural, olfactory and tactile) that identity that brand and make it unique. This course will focus on analyzing the success and failure of brand's visual identities as a way of teaching students how to brainstorm and develop a new visual identity from concept through execution. The focus in this course will be on applying creative thinking to create a cohesive and meaningful visual identity.

Type:

Creativity and Innovation

- CI-155 Improvising for Everyone, Everywhere

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Improv Comedy has become the cornerstone training of movies and television for the past 20 years. More recently, Corporate America has begun to recognize the importance of the skills improv teaches - agreement, listening, moving forward as a group and out-of-the-box thinking. This course immerses students in improv theatre exercises to apply not for performance, but to shed light on how to collaborate with others. Students will be required to actively participate in exercises in class, experiencing the benefits and takeaways first-hand. Students will be able to connect these exercises with the theories of creativity presented in text books and use both to create a final presentation piece. By the end of the semester, students will understand how to recognize and foster creative thinking to solve problems leveraging the power of a group. Students will gain confidence with presenting new ideas and responding to other student's ideas, understanding how to create and maintain relationships as part of an ensemble that encourages and values ideas.

Type:

Creativity and Innovation

- CI-157 Mindful Journal

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

To keep a journal is to make an investment, often long before we understand the value. A journal is a personal database of snapshots in time, good ideas and bad, observational doodles and unfiltered emotions. On any given page a journal may appear inconsequential but within the rigor of filling a whole notebook (and another, and another) an individual viewpoint emerges. This class will facilitate a student's ability to draw from his or her own lived experience and discover unique springboards into universal issues by making mindful connections. An entire lifetime of images, stories and details resides within each of our minds but the ability to explore that richness requires dedication to documentation. Mindful Journal is a process class fostering focus through mindfulness practices, content generation and meaning making.

Type:

Creativity and Innovation

• CI-159 Building a Better T

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

If any set of problems could use creative and innovative thinking, it's the myriad of problems facing the T. The Boston Globe is filled with stories about financial and organizational problems in the system, and you only have to spend a few minutes on the green line to feel the effects of those issues. Still, millions depend on it every day - it is the circulatory system of our city, and it is more than a way to get around: the T increases accessibility and functions as a democratizing force. That is, when it's running. In this class we will study the MBTA and other mass transit systems in order to propose creative solutions to the T's most pressing problems. We will read articles about the T and other transit systems, we will look at interactive maps that express different kinds of data, and we will visit local stations. In addition, we will study the process of creative thinking, in order to apply those skills to the issues at hand. You will be asked to create both stand-alone short writing assignments and visual representations of your ideas, accompanied by short, written explanations, both alone and in group projects.

Type:

Creativity and Innovation

• CI-161 Making History: Public Memory in the Digital Age

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

You live in Boston now. At least for a while. Perhaps you've noticed that it has its own ways of remembering things. Consider The Boston Literary District, The Freedom Trail, and all the many events and festivals devoted to history, culture, and identity. From guided tours and colonial cosplay to images and written texts to monuments, memorials, and museums, this city tells stories about itself today in the ways it tells stories about its past. In this class, you're going to tell more stories about Boston. You're going to help it find other things to remember, and other ways of remembering them. You'll likely need to focus on parts of the real events that Boston doesn't prefer to include in its stories, emphasizing issues of race, socioeconomic class, nationality, colonialism, gender, sexuality, and other stories of unequal power and how that manifests in real people's lives and in the culture of this city.

Type:

Creativity and Innovation

• CI-H161 Making History: Public Memory in the Digital Age

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

You live in Boston now. At least for a while. Perhaps you've noticed that it has its own ways of remembering things. Consider The Boston Literary District, The Freedom Trail, and all the many events and festivals devoted to history, culture, and identity. From guided tours and colonial cosplay to images and written texts to monuments, memorials, and museums, this city tells stories about itself today in the ways it tells stories about its past. In this class, you're going to tell more stories about Boston. You're going to help it find other things to remember, and other ways of remembering them. You'll likely need to focus on parts of the real events that Boston doesn't prefer to include in its stories, emphasizing issues of race, socioeconomic class, nationality, colonialism, gender, sexuality, and other stories of unequal power and how that manifests in real people's lives and in the culture of this city.

Type:

Creativity and Innovation, Honors

- **CI-163 A Course on Skepticism and Rationality**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Magician James The Amazing Randi reminds us that No matter how smart or how well educated you are, you can be deceived. In an age fraught with deception and misinformation, students need tactics and strategies in order to separate truth from falsity. This course encourages its participants to act as skeptics - not cynics, necessarily - by requiring evidence and proof before believing or accepting claims. Students are urged to identify the most-likely-to occur opportunities for deception in their major fields and draw from the tenets of classical rhetoric, logic, and the scientific method in order to develop safeguards. Frequent collaboration with classmates will allow for dynamic solutions to small and large-scale contemporary problems ranging from the personal (e.g. used car prices and avoiding fraud) to the universal(e.g. fake news and God).

Type:

Creativity and Innovation

- **CI-165 Becoming a Zig-Zag Master**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

We will be discovering the process of becoming more creative. The emphasis is on understanding the creative process and applying effective team-working strategies towards a shared goal. Each team will choose a project and develop it during the semester with the goal of improving a product, raising awareness about an issue in a creative way, designing a board game, designing a card game, etc. Inspiration will be drawn from the numerous successful innovators in the Boston area.

Type:

Creativity and Innovation

- **CI-167 Public Health: A Need to Think Outside The Box**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course seeks to make you an innovative public health thinker by examining past campaigns and making the necessary frameshifts to help promote, protect and preserve health of the Suffolk community through the innovative thinking process. Public health activists and designers can have a positive impact on the lives of citizens living in small communities. However, the agreed rules and regulations that make up this policy landscape are created by paradigms which can be constricting. The issues the course addresses will include Suffolk's current plans for reducing carbon emission, behavioral determinants such as alcohol consumption among college students, and improving eating habits on campus. The final project will be peer reviewed and presented to the class. Programs may then be forwarded to university departments for possible integration and implementation.

Type:

Creativity and Innovation

- **CI-204 Prague: Castles to Barbwire**

Prerequisites:

At least 24 credits earned.

Credits:

3.00

Description:

Prague offers students a more recent view into history and will serve as a backdrop to learning Design Thinking. The curriculum will use Czech and Central European cultural features as the inspiration for learning the creative process, skills that can be applied broadly and globally across disciplines. WWII and its fall to Communism left the Czech Republic undamaged. Artists played a vital part in the country's rise to a Republic during the Velvet Revolution. These dissidents, including writers, actors, artists and musicians were innovators who were the catalyst for change. One could say that creative minds changed this country. This course is designed to demystify the creative process by introducing the creative practice as a disciplined approach to problem solving and innovation requiring research. This one-month study abroad experience will offer a more worldly insight to the significance of developing skills where divergent thinking and risk taking are one of many key tools in learning to generate new ideas. Travel fee covers accommodations, transfers, some meals and cultural visits. Airfare and tuition not included.

Type:

Creativity and Innovation, Global Engagement Experience

Note: Students with 30+ transfer credits are exempt from this requirement.

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Courses may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



2017-2018 Archived Catalog Information

Bachelor of Science in Journalism

The Bachelor of Science in Journalism is available to Journalism and Public Relations majors only.

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The BSJ degree requires the successful completion of the following courses:

Core Requirements: 14 courses, 51-52 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Humanities/History](#)

Math: 1 course, 4 credits

Choose one Math course from those listed below:

- **MATH-128 Math for the Modern World**

Prerequisites:

MATH level 2, or Mathshop, or MATH-104

Credits:

4.00

Description:

From the ISBN on a book, to buying a car, from the size of small chips in a cell phone, to the size of the national debt, or just reading a graph in the daily newspaper, mathematics plays an important and vital role in countless areas of life and your future career and courses included. Mathematics is both an art and a tool created by humans. The common bond is a way of thinking and a way of reasoning to describe and solve problems of many types. This course uses the context of modern real life problems to introduce math needed for literacy and problem solving in contemporary life and work. It uses a minimal amount of algebra and focuses on math models, concepts and basic math manipulations. It encourages students to move from anxiety about math, to using formulas well, to thinking critically in the math context to use math to solve problems and pose new problems. Topics include scientific notation, basic financial math, linear, exponential and polynomial models and an introduction to probability. (Formerly Math 132)

- **MATH-130 Topics in Finite Mathematics**

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-132 Math-Art, Tool and Human Side**

Prerequisites:

MATH-000 or appropriate Math Placement Exam score. Course does not fulfill math requirement for SBS majors.

Credits:

4.00

Description:

Mathematics is both an art and a tool. It has been used in many ways in contemporary and ancient society. The common bond is a way of thinking and a way of using reason to solve problems and describe things of all sorts. The course is designed to cultivate an appreciation of the significance of mathematics in daily life and develop students' mathematical reasoning. Topics will vary from section to section. Examples of topics that might be included are: the real meaning of a newspaper graph, methods to tally votes, fair division, routes and networks, consumer mathematics, the 'real' cost of a house, shapes and patterns, fractals, soap film surfaces, prime numbers and encryption, new discoveries in mathematics.

- **MATH-134 Calculus for Management & Social Sciences**

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-164 Calculus 1 Bridge With Trigonometry**

Prerequisites:

Permission of Instructor

Credits:

4.00

Description:

This course provides an alternative to MATH 165 (Calculus I) for those students who have taken MATH 134 (Calculus for Management and Social Sciences) but who do not have the trigonometric precalculus prerequisite (such as MATH 121) for MATH 165. In other words, the sequence MATH 134 / MATH 164 serves as an alternative to the sequence MATH 121 / MATH 165, and similarly prepares students to take MATH 166 (Calculus II). The course includes a thorough review of trigonometry and other precalculus topics. Aspects of limits and differentiation which students have already seen in MATH 134 are presented briefly, but in most cases with more emphasis on conceptual understanding, and often illustrated using more complicated examples. New calculus topics (i.e. not covered in MATH 134) include one-sided limits, special trigonometric limits, differentiability, derivatives of trigonometric functions and their inverses, derivatives of general inverse functions, logarithmic and implicit differentiation, related rates, L'Hopital's rule, intermediate values theorem, Rolle's theorem, mean values theorem, Newton's method, and linearization. 4 lecture hours plus 1 recitation session each week. Normally offered in spring.

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Courses may also count toward major if taken at appropriate level.

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Core Requirements: 14 courses, 51-52 credits

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- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Humanities/History](#)

Social, Cultural, & Global Perspectives: 1 course, 3-4 credits

Choose one SCGP course from those listed below:

- **ADPR-217 Gay and Lesbian Studies**

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social, and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions, and social movements.

Term:

Alternates Fall & Spring

- **ADPR-219 Rhetoric of Protest and Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **ARH-205 Gender, Class and Alterity in Ancient And Medieval Art**

Credits:

4.00

Description:

Explores issues of sexuality, gender, race, and social class in the ancient and medieval worlds. Examines key artworks from ancient Greece, the Roman Empire and medieval Europe within historical, social and cultural contexts.

- **ARH-321 Women, Art & Society**

Credits:

4.00

Description:

Surveys women artists from the sixteenth century to the present and examines new direction in art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

- **AS-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Both Fall and Spring

Type:

Asian Studies, Social & Intellectual HST

- **AS-500 Asian Studies Internship**

Credits:

4.00

Description:

Engages in an internship in a business or non-profit organization that deals with Asia or an Asian American community. Students may complete the internship either in Asia or in the U.S. Students will complete appropriate exercises and reports to document their learning. (1 course, 4-12 credits; can be taken multiple times in different semesters)

Term:

Offered Both Fall and Spring

Type:

Global Engagement Experience

- **BLE-325 Global Business Ethics**

Prerequisites:

BLE-215, PHIL-119, PHIL-120, PHIL-123 or PHIL-127

Credits:

3.00

Description:

Surveys business ethics as they transcend the diverse perspectives of global business. Explores current global ethics standards and values, ethical challenges, controversies, convergence and trends. Students explore famous global business cases through films, websites and independent research. Emphasizes identification and resolution of global business ethical issues within the context of ethical decision-making and sustainability. Analyzes corporate social responsibility ; hence, transforming global business ethics through business.

Type:

Global Engagement Experience

- **BLKST-250 Haiti, Guadalupe and Martinique**

Credits:

4.00

Description:

This course explores the rich intellectual tradition of Haiti, Guadeloupe, and Martinique by considering historical moments linked to colonialism, the abolition of slavery, the representation of gender, departmentalization, and decolonization through essays, films, poems, novels, and short stories by critics and writers from the 19th-21st centuries.

- **CI-204 Prague: Castles to Barbwire**

Prerequisites:

At least 24 credits earned.

Credits:

3.00

Description:

Prague offers students a more recent view into history and will serve as a backdrop to learning Design Thinking. The curriculum will use Czech and Central European cultural features as the inspiration for learning the creative process, skills that can be applied broadly and globally across disciplines. WWII and its fall to Communism left the Czech Republic undamaged. Artists played a vital part in the country's rise to a Republic during the Velvet Revolution. These dissidents, including writers, actors, artists and musicians were innovators who were the catalyst for change. One could say that creative minds changed this country. This course is designed to demystify the creative process by introducing the creative practice as a disciplined approach to problem solving and innovation requiring research. This one-month study abroad experience will offer a more worldly insight to the significance of developing skills where divergent thinking and risk taking are one of many key tools in learning to generate new ideas. Travel fee covers accommodations, transfers, some meals and cultural visits. Airfare and tuition not included.

Type:

Creativity and Innovation, Global Engagement Experience

- **CJN-216 Intercultural Communication**

Credits:

4.00

Description:

An examination of communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures.

Term:

Offered Both Fall and Spring

- **CJN-225 World Cinema**

Credits:

4.00

Description:

An introductory course in film studies with a focus on foreign films. Movies studied include masterpieces of cinema from Europe, Asia, the Middle East, and other nations (Films have subtitles).

Term:

Alternates Fall & Spring

- **CJN-281 Asian Popular Culture**

Credits:

4.00

Description:

Students critically analyze Asian popular culture since the 1980s using a cultural ethnographic approach. Students apply the lenses of gender, identity, globalization, and business strategies to examine pop phenomena such as Korean Wave, Cool Japan, and Cantonese popular music.

Term:

Occasional

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

By examining the film texts of Hong Kong auteurs such as John Woo, Wong Kar-wai, Tsui Hark, Andrew Lau, and Alan Mak, the course examines issues such as film genres, colonization/decolonization, transnational political economy, the Greater Chinese media market, and the diaspora.

Term:

Occasional

- **CJN-301 Documentary Film and the Image of Conflict in the Middle East**

Credits:

4.00

Description:

The course focus is on some of the divisions and conflicts within Israeli society. Students analyze and compare mainstream media discourse to alternative representations in documentary film. Analysis also covers media representation of the Israeli-Palestinian conflict.

Term:

Occasional

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

A critique of the circulation of media goods and ideologies from both a cultural and political/economic perspective. Topics include global Hollywood, the images of Muslim women in transnational media, the information society, and global social movements.

Term:

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Asian Studies

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **ENG-124 Great Books of the World II**

Credits:

4.00

Description:

This course will introduce students to a selection of Great Books from around the world from the 17th century to the 21st, such as Don Quixote (Spain), Madame Bovary (France), The Communist Manifesto (Germany), The Origin of Species (England), War and Peace (Russia), On Dreams (Austria), Night (Hungary), Things Fall Apart (Nigeria), Satyagraha (India), I Am Prepared to Die (South Africa), Saeed the Pessoptomist (Israel), The Rouge of the North (China), and The House of Spirits (Chile). Readings may vary at the discretion of the instructor.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **ENG-135 World Literature in English**

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

- **ENG-362 Asian American Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

Asian Studies

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continues to review grammar, practice speaking, and explore authentic cultural and literary texts in this writing-intensive course. Examines short readings, films, and print media.

Term:

Offered Spring Term

Type:

Modern Language

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

Explores the francophone world through the study of short stories, print media, and film, by engaging with the rich textured and diverse francophone literary canon. Teaches advance notions of French grammar, write compositions, and the art of conversation related to cultural themes.

Term:

Alternates Fall & Spring

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

Masterpieces of French and Francophone Literature in English Translation. Studies works translated into English by major authors from the Middle Ages to the present. Explores drama, fiction, and poetry from many regions of the world: Africa, Western Europe, North America, the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Studies in Literature

- **GVT-208 Politics / Religion**

Credits:

4.00

Description:

This course explores what major religions say about the status and responsibilities of the state and how, in turn, selective states have, in theory and practice, structured the place of religions in political life. Particular attention is given to issues of politics and religion in the United States. Cultural Diversity A

- **GVT-115 Evolution of the Global System**

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

Type:

Human Behavior & Societies

- **GVT-281 Intro to Comparative Politics**

Prerequisites:

GVT 110, GVT 115, and GVT 120 or consent of instructor; Sophomore status or higher

Credits:

4.00

Description:

This course examines various methods of comparing political systems. Institutions such as executive departments, legislatures, court systems and local governmental systems are examined comparatively. It includes analysis of the impact of different economic systems on political/governmental institutions, and on economic circumstances that impact government. It also looks at political socialization both in terms of process and comparative content. An effort is made to include countries from all regions of the world. Normally offered every year.

- **GVT-359 Hockey, International Development & Politics**

Credits:

4.00

Description:

This class examines the way in which national identity, global and regional economics and international development intersect. It uses the professionalization of the sport of hockey and its subsequent spread around the globe as its case. It will look at the rise of the pro game, the way in which it shapes national identity in the Canadian case, the way in which the pro business model has changed in response to broad socio-economic changes in North America and geo-political shifts around the globe, especially in Eastern Europe and the Former Soviet Union.

• GVT-360 Elections and Voting

Credits:

4.00

Description:

How are elections administered in the United States? Do Americans have confidence in the electoral process? Should they? Why or why not? This course will examine elections in the United States in detail -- from how they are funded to how they are administered to how voters behave. Students will have a choice of either serving as poll workers during the November election or organizing and conducting research of potential voters. Students will gain hands-on experience in actual research design, election administration, and non-partisan get-out-the-vote activities. In addition, students will gain a deeper understanding of the relationship between attitudes, opinion, and voting behavior in American politics and institutions. ECR

• GVT-391 Canada: Multicultural Politics

Prerequisites:

GVT 110/120 or Instructor's permission

Credits:

4.00

Description:

This course examines the Canadian model of incorporating diverse communities into its constitutional and political framework, including the founding British North American Act of 1867, the 1982 Constitution Act, and two later attempts at constitutional reform. Canada's role in balancing two official languages, English and French, is discussed, as is its recognition of a First Nations native-governed territory in the Arctic. This course introduces students to the Canadian polity and compares its parliamentary system with the U.S. separation of powers system. Prerequisites: GVT 110, GVT 120 or instructor's consent. Normally offered alternate years. Cultural Diversity B

- **GVT-467 Comparative Social Movements**

Prerequisites:

Junior status

Credits:

4.00

Description:

How do we explain the appearance or absence of social movements? What social or individual factors explain their development and decline? Who joins social movements? Who does not? Why? What ideas or ideals animate those who do participate? What is it like to be part of a social movement? What effect do they or have they had on politics, power and efforts at social change? These are some of the questions that have traditionally shaped debates over social movements, both domestically and internationally. They will form the analytical core of the work in this course. By critically evaluating several competing schools of thought in social movement theory and history we will attempt to highlight the social forces that have, at varying points in times, facilitated, maintained, as well as blocked the development of social movements in the US and beyond.

- **HST-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, the Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Fall Term

- **HST-246 History of Modern Iran**

Credits:

4.00

Description:

Examines the contemporary history of Persia (Iran) from the time of its independence in the beginning of the sixteenth century to the present with special concentration on geographical/historical background; social structure, ethnic, religious, and linguistic diversities; Safavid and Qajar dynasties; Anglo-Russian interventions and occupations; constitutional revolution and reform; centralization, secularization and modernization under Pahlavi dynasty; opposition to westernization and Islamic revolution.

- **HST-247 History of Modern Middle East**

Credits:

4.00

Description:

Explores the broad historical forces, conflicts and major events that have shaped the contemporary nations of the modern Middle East. Topic include: the emergence of the modern Middle East from the empires of the sixteenth and seventeenth centuries; the age of colonialism; the rise of nationalism; socialism, capitalism; the impact of Israeli and Palestinian conflict on the region; oil, the Islamic Revolution in Iran and the rise of Islamic fundamentalist movements; U.S. policy; and Saddam Hussein's Iraq.

Term:

Offered Fall Term

- **HST-251 Modern East Asia**

Credits:

4.00

Description:

China, Japan, and Korea - East Asia's critical players - share many historical influences, but each has a distinct culture, and they competed with each other for much of the twentieth century, proud of their achievements but feeling threatened by their neighbors. Lectures interspersed with movies and documentaries to show how East Asia has developed in the past one-hundred-plus years.

Type:

- **HST-263 Comparative Race Relations**

Credits:

4.00

Description:

Compares and analyzes the history of race and politics in South Africa and the United States from the 17th century to the present. Examines how race as a social and ideological construct influenced and informed political conflicts over land, labor, and social relations in the two countries including slavery, segregation, apartheid, and the struggle to create racial democracies.

Term:

Offered Fall Term

- **HST-268 History of the Mediterranean**

Credits:

4.00

Description:

Explores the history of the Mediterranean from the ancient times to the 20th century, with emphasis on the extraordinary interaction between the rich cultural, ethnic and religious backgrounds of the peoples of Europe, Middle East, and North Africa.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-274 Women in 19TH-CENTURY Europe**

Credits:

4.00

Description:

Explores the condition of European women from 1800 to 1914. Readings focus primarily on women's experiences in France and Great Britain. Topics include: the effects of industrialization on the lives of working-class women; working and middle-class women's negotiation of marriage, work, and family life; the rise of feminism, women's greater participation in the public sphere, and conservative reaction to these changes in women's place in society; women and crime; Victorian ideas about female sexuality; the politics of class and gender in nineteenth-century European society.

Term:

Occasional

- **HST-275 Women in 20TH-CENTURY Europe**

Credits:

4.00

Description:

Examines the changing place of women in European society since 1900. Topics include: women's suffrage and the political advances of the 1920s and 1930s; the revolution in sexual mores, birth control, and the rise of companionate marriage; women and the consumer economy; the anti-woman policies of Fascist Italy and Germany under National Socialism; liberation of women and retrenchment in the Soviet Union; World War II; feminism, sexual liberation, and women's political engagement since the 1960s; and, throughout the twentieth century, women's continuing negotiation of work and family responsibilities.

Term:

Occasional

- **HST-321 History of Islam**

Credits:

4.00

Description:

Presents a coherent account of the origin and history of Islam since its foundation in Arabia in the seventh century A.D. to the present. Analyzes the terms, events, characteristics, developments, movements, and institutions that have been part of the shaping of Islam. Ideological challenges and impact of Islam in the world today from both spiritual and political perspectives are examined.

Term:

Occasional

- **HST-371 U.S. Women's History Colonial to 1865**

Credits:

4.00

Description:

Traces the roles, images and experiences of women in America from colonial times to 1865. Topics include the family, work, religion, education, health care, motherhood, sexuality, social and political activism legal status, labor activism and popular culture. With attention to ethnicity, race, class, age, region of residence, disability and sexual orientation, the course focuses primarily on the everyday lives of ordinary women.

Term:

Offered Fall Term

- **HST-372 U.S. Women's History: 1865-present**

Credits:

4.00

Description:

Examines the social and cultural history of women in the United States from the close of the Civil War to the present. Using not only gender but also race, ethnicity, class, age, disability, region of residence, and sexual orientation as important categories of analysis, this course focuses on women's private and public lives. Topics include the family, work, religion, education, health care, private lives, motherhood, sexuality, social and political activism, legal status, labor activism, and popular culture.

Term:

Offered Spring Term

- **HST-484 History of the Emotions**

Credits:

4.00

Description:

Explores ideas about emotional life from the fields of history, anthropology, sociology, and psychology as well as the evolution of emotion rules and prescriptions, focusing on western Europe and the United States since 1700. In the eighteenth century, emotions were seen as a positive influence on politics and public life, especially during the French Revolution. After the fall of Robespierre, the emotions were banished to the private sphere - so we will read both primary sources and recent scholarship on 19th- and 20th- century ideas about masculinity and femininity, romantic love and marriage, childrearing, and about what parents and children are supposed feel toward each other, how ideas about these subjects have changed over time, and whether our feelings change with them.

Term:

Occasional

- **MUH-223 World Music**

Credits:

4.00

Description:

Covers topics in folk, traditional, and modern music of Africa, the Middle East, Asia, and Europe in the context of the cultures and lives of the indigenous peoples of those regions; examines how music interacts with the issues of race, gender, class, religion, politics, and social movements. Normally offered every other year.

Term:

Occasional

- **P.AD-201 Social Change**

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

- **P.AD-H201 Honors Social Change**

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

Type:

Honors

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

- **PHIL-228 Feminist Philosophy**

Credits:

4.00

Description:

This course is an introduction to the philosophy of feminist thought. Feminist theories of epistemology, metaphysics and morality will be examined as critiques of traditional philosophy,. Feminist perspectives and methodologies include radical, liberal, postmodern, as well as more recent trends in ecofeminism. Special emphasis will be placed on explicit and implicit practices of alienation and exclusion as they have unfolded in the gendering of thought, truth, and reality. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

• PHIL-229 Eco-Feminism

Prerequisites:

PHIL 119, or PHIL 123, or PHIL 127

Credits:

4.00

Description:

Examines the political, social, and ecological problems facing us as a global community. Having its roots in feminist theory and deep-ecology, eco-feminism provides a critical framework for ecological responsibility and accountability. Writings from eco-feminist thinkers and environmental activists around the world will be used to highlight the philosophical and political conflicts and challenges, including globalization and loss of biodiversity, global warming, international human rights, the relationship of gender and nature, and modes of redress for eco-justice and sustainable development.

• PHIL-261 Eastern Philosophy

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered

alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-262 Buddhism**

Credits:

4.00

Description:

An historical survey of Buddhist philosophy. We will explore Buddhist origins, central teachings, devotional and meditational practices, ritual and institutions as developed from classical to modern times. Special attention given to the philosophical diversity of the Buddhist world view. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-265 Women in Spirituality**

Credits:

4.00

Description:

An exploration into the various dimensions and ideologies concerning the role of the feminine in relation to the Divine. Belief systems, myths and archetypes from ancient Goddess worship to 20th century feminist theology will be examined in terms of the philosophical content and psychological

consequences. Special emphasis will be placed on feminist metaphysical structures for understanding consciousness and Reality. Classes will be conducted by means of lectures, primary and secondary texts and class discussions. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **PHIL-267 Chinese Philosophy**

Credits:

4.00

Description:

A survey of the main developments in Chinese Philosophy. The course begins with the early dynastic concept of humanism and then turns to Confucius and Mencius. Having developed the central Confucian doctrines, students next examine the Taoist response to Confucianism in the writings of Lao Tzu and Chuang Tzu. The course then considers Zen Buddhism, which is called Ch'an Buddhism in China, where it originated. In particular, students study the concept of sudden enlightenment before turning to the Neo-Confucian scholars.

Term:

Occasional

- **PSYCH-243 Organizational Psychology**

Prerequisites:

Take PSYCH-114;

Credits:

4.00

Description:

Focuses on diversity concerns in various aspects of the psychology of the workforce. This includes job analysis, recruitment, selection, evaluation, training, retention, and termination. Employee morale, well-being, stress, and hardiness are considered.

- **PSYCH-247 Asian Perspectives on Health and Work**

Credits:

4.00

Description:

Examines theoretical and empirical approaches that provide insight into Asian viewpoints on socialization practices, family systems, health/well-being, cultural traditions/values, and spiritual philosophy/literature. Explores the diversity among Asian cultures in terms of language, history, religion/spiritual faith, and healthcare practices, all of which play a significant role in shaping the psychological characteristics, interpersonal relationships, and work dynamics of Asians and Asian immigrants. Students critically analyze similarities and differences between Asian and Western psychological perspectives of health and work through didactic and experiential learning components. This course fulfills the Cultural Diversity Requirement and may fulfill the Expanded Classroom Requirement. Normally offered alternate years.

Term:

Offered Spring Term

Type:

Asian Studies

- **RS-111 Introduction to World Religions: Western Traditions**

Credits:

4.00

Description:

This course will explore the comparative history and structure of Western religious traditions, broadly understood, and their impact on other world religions, while attempting to recognize the similarities and the differences among them. Traditions to be studied include Greek and Roman religion, the monotheistic faiths (Judaism, Christianity, and Islam, as well as Zoroastrianism, Sikhism and Bahaism). We will also explore the impact of the Western religions on indigenous traditions, such as African religion, Native American religion, and Pacific Island religion. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. 1 term - 4 credits. Normally offered every year.

- **RS-112 Introduction to World Religions: Eastern Traditions**

Credits:

4.00

Description:

This course will examine a variety of Eastern religions, including Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shintoism. Possible connections to be explored will be the impact of these traditions on others, such as Pacific Islands and African religion, as well as the growing place of Eastern religion in the West. This course will explore the history and structure of each tradition, while attempting to recognize the similarities and the differences among them. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. Normally offered every year. Cultural Diversity B

Type:

Asian Studies

- **SIB-550 Global Travel Seminar**

Prerequisites:

Please email Hillary Sabbagh at hsabbagh@suffolk.edu to register for a travel seminar.

Credits:

3.00

Description:

An in-depth analysis of timely special issues in international business. Specific topics are announced when the course is scheduled.

Type:

Global Engagement Experience

- **SF-190 Asia in America Fiction and Fact**

Credits:

4.00

Description:

With a focus on some selected ethnic groups from Asia, Asia in America studies the history and current status of Asian Americans in Boston and other parts of the country. We will examine the major reasons why these immigrants chose to leave their home country as well as their expectations and experiences here in America. We will also discuss the issues Asian immigrants have faced in this adopted home as well as the connections and conflicts among different ethnic groups or even within the same ethnic group due to political and socio-economic reasons. The course will include some level of community engagement, through Chinatown tour and service, which may enable us to have a direct contact with the Asian American population and reflect on what is being discussed in class. Through this course, we hope to gain a better understanding of the racial and cultural history of the country and arrive at a deep appreciation of the dynamics of cultural interactions in the twenty-first century. The course fulfills the SCGP requirement.

Type:

Global Engagement Experience

- **SF-1145 Emergence of Southeast Asia**

Credits:

4.00

Description:

Explores the eleven countries and 600 million people of Southeast Asia starting with foundations- geography and environment- and then looking at the human imprint, in the form of the history, religions, and cultures of the region. An examination of contemporary issues related to demography, politics, and (especially) economics.

- **SOC-227 Race in American Society**

Credits:

4.00

Description:

Despite the election of Barack Obama as President of the United States, race remains one of the most divisive forces in U.S. society. While many of us struggle against racism, racial classification continues to affect where we live, where we work, and how we see ourselves. Racial classification affects our access to health care and our encounters with police officers. Distorted images of racial groups fill television and movie screens. Appeals to racism and fear of foreigners are dominant themes in elections to state and national offices. This course examines the formation and re-formation of racial classifications: how particular groups become racially identified, how these classifications change over time, and how conflicts over race have shaped American society. The meanings of race, as seen from a variety of perspectives, will be a consistent theme throughout the course.

Term:

Occasional

- **SOC-228 Cultural, Global and Social Perspectives**

Credits:

4.00

Description:

Enables students to examine, as well as develop an awareness and appreciation of, diversity within today's society. Providing an overview of the major racial, ethnic, and cultural groups in the U.S., the focus is on the ways in which cultural awareness enhances professional helping relationships and improves the operation of human services systems.

Term:

Occasional

- **SOC-275 Women and Crime**

Credits:

4.00

Description:

This course examines the complex relationships between women and crime today. This focus will include women as criminal offenders; women as victims of crime; and women as both offenders and victims. Course materials draw from recent feminist scholarship on these issues in the social sciences. Topics include the causes of women's crime women, drugs, and crime; child abuse and trauma; prostitution and sex trafficking; race, gender and victimization; and feminist social movements against violence. Crimes of violence against women are a central focus in the course.

Term:

Occasional

- **SOC-329 Sociology of Globalization**

Prerequisites:

Prerequisite: SOC 113 or SOC 116.

Credits:

4.00

Description:

Globalization is shrinking the world. How and why did this happen? This course will explore global change and the global processes which effect key social institutions: culture, the economy and politics. Students will study the processes of globalization and its impact on our lives and people around the globe.

Term:

Occasional

- **SOC-341 International Drug Control Policy**

Credits:

4.00

Description:

Relying on a simplistic demand or supply explanation of why Americans use/abuse drugs obscures the reality of America's drug problem, is ineffective as a guide to public policy and has unforeseen, often negative consequences. Drug use is a complex and multi-faceted issue. There are no easy answers. To comprehend the complexity of America's drug problem one needs an understanding of the geography, history, religion, law, economics and international politics of the Middle and Far East, Eastern Europe, Africa, Mexico, and Central and South America. This class will provide this basic understanding without losing sight that the problem we seek to remedy is our own.

Term:

Offered Spring Term

- **SOC-354 Death and Dying**

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

Modern Language

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

Modern Language

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

- **SPAN-303 Modern and Contemporary Latin America**

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

- **SPAN-315 Spanish for the Professions**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

Integrates language learning with culture via business context of the Hispanic world. Spanish for banking and finance, marketing and advertising, and international commerce are highlighted. Students increase their cross-cultural understanding and written and oral proficiency in business Spanish through a wide range of assignments.

Type:

Global Engagement Experience

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

- **THETR-267 Introduction to Theatre: Contemporary American**

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Social & Intellectual HST

- WGS-H111 Women, History, & Culture

Prerequisites:

At least a 3.3 GPA required.

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Honors

- WGS-113 Women, Science, & Society

Credits:

4.00

Description:

Explores women's lives from the perspective of the social and natural sciences, including examination of recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship in these areas. Topics include: the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women; the female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women.

Term:

- **WGS-115 Introduction to Gender Studies**

Credits:

4.00

Description:

Introduces the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, explores the pervasive influence of gender on the structure of society and our everyday experiences and the role that gender plays in our understanding of love, friendship, sexuality, and even violence. Topics include: biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Social & Intellectual HST

- **WGS-311 Engendering Entertainment: Feminism and Popular Culture**

Credits:

4.00

Description:

Investigates the complex intersections between feminism and popular culture through several different lenses: by exploring, how feminists make arguments about popular culture; by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like The Bachelor and Grey's Anatomy; by focusing on a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's Female Chauvinist Pigs, and Caitlin Moran's How to Be a Woman. Along the way we will ask questions about: what makes a work of art feminist; how modern media contributes to or distracts us from a variety of political debates in the realm of female equality and how can we, as individuals, use modern media to create and advance smart, feminist arguments.

Type:

- WGS-315 Feminist Thought

Credits:

4.00

Description:

Investigates how feminists, both today and in history, have understood inequality and difference and looked for the best ways to address these issues and bring about social justice. Examines how feminist theorists help us to understand how gender and other social categories, such as race, class, sexuality, disability, age and nationality, are constructed within and through each other; and analyzes feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory, as well as consider anti-feminist arguments. Readings include classic critical texts by authors including Mary Wollstonecraft, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler.

Type:

Social & Intellectual HST

- WGS-325 Global Women's Fiction

Credits:

4.00

Description:

Explores of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic.

Term:

Occasional

- WGS-335 Queer Narratives

Credits:

4.00

Description:

Explores the stories that help us to understand communities, identities, and bodies that could be considered queer, and the ways that film, music, memoir and fiction have discussed queer as different, unusual, or other. Texts include the documentary, "Paris Is Burning", Frank Ocean's 2012 album, "Channel Orange", and Janet Mock's recent memoir, "Redefining Realness", as well as foundational queer theory from Judith Butler, Eve Kosofsky Sedgwick, and Lee Edelman, among others, to help build a framework for approaching and interpreting both fictional and non-fictional accounts of queer lives.

Type:

Social & Intellectual HST

Courses that fulfill the Creativity and Innovation, Humanities/History, Language, Literature, Quantitative Reasoning, Seminar for Freshmen, Social Science, or VPATH requirements may double count to fulfill the Social, Cultural, and Global Perspectives (SCGP) requirement.

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Courses may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



2017-2018 Archived Catalog Information

Bachelor of Science in Journalism

The Bachelor of Science in Journalism is available to Journalism and Public Relations majors only.

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The BSJ degree requires the successful completion of the following courses:

Core Requirements: 14 courses, 51-52 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Humanities/History](#)

Science, Technology, & Engineering (STE): 2 courses and corresponding laboratories where applicable, 8 credits

Choose two STE courses (and corresponding laboratory where applicable) from those listed below. Courses do not need to be in a sequence. In the case of a course that is a lecture plus a lab, the student must complete both components to earn credit for the STE requirement.

Biology:

- **BIO-104 Environmental Biology**

Prerequisites:

BIO 101 and BIO L101, can also be taken concurrently BIO L104 must be taken concurrently

Credits:

3.00

Description:

An introduction to basic evolutionary, behavioral and ecological principles. Readings and discussions emphasize the ways that humans are affected by ecological processes and principles as well as how humans and their technology affect ecosystems. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology. It is intended for non-biology majors as a follow-up to Biology 101. 3 hours lecture. Days Only. Madrid Campus only.

Type:

SCI TECH ENGNR

- **BIO-L104 Environmental Bio Lab**

Prerequisites:

BIO-104 must be taken concurrently

Credits:

1.00

Description:

Exercises and field trips designed to complement and demonstrate the ecological principles developed in the lecture section. The lab emphasizes the scientific method and employs long term group projects. Madrid Campus only.

Type:

SCI TECH ENGNR

- **BIO-105 Humans and the Evolutionary Perspective**

Prerequisites:

Non Science Majors Only

Credits:

4.00

Description:

Major topics include the scientific basis of evolution, the fossil history of vertebrates, evidence of evolution in the human body, and applying an evolutionary perspective to the social interactions and possible futures of humanity. Meets one of the non laboratory science requirements for the non-science major. This reading and writing intensive course is a non-laboratory science option for non-science majors. This course will not fulfill requirement for a major or a minor in Biology.

Term:

Occasional

Type:

SCI TECH ENGNR

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Rigorous introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGR

Chemistry:

- **CHEM-105 Chemical New Product Development**

Prerequisites:

ENT 101

Credits:

4.00

Description:

This course addresses the crucial intersection between chemistry and business, and the impact of these fields on society. It provides an introduction to important chemistry concepts and practices of business management. Primary focus is on understanding the chemistry principles behind some of the consumer products in our everyday lives, and using this knowledge to create and evaluate ideas for new products. The course also introduces the business aspects involved in the development and marketing of new products. An important component of the course is in making effective presentations; this component concludes the course, culminating in team presentations of a new chemical product to panel of executives and peers. This course satisfies the Sawyer Business School Science requirement.

Type:

- **CHEM-106 Biotechnology & Its Applications in Medicine, Agriculture, Law**

Credits:

4.00

Description:

Introduces the latest discoveries and applications of biotechnology. Topics include genetically modified food, stem cells, genetic testing, cloning, and forensics. A combination of lectures, discussions, short documentaries, mock congressional hearings, and hands-on activities will provide insight into the numerous medical, social, legal, and ethical issues surrounding this technology.

Type:

SCI TECH ENGR

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- CHEM-L111 General Chemistry Laboratory I

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

Computer Science:

- CMPSC-F107 Ants, Rumors and Gridlocks

Prerequisites:

Math placement level of 2 or above or any MATH course at the level 100 or above

Credits:

4.00

Description:

Do viruses and rumors spread like forest fires? How do ants cooperate? Do spoken languages and biological species evolve in a similar way? Ants, Rumors, and Gridlocks exposes students to introductory aspects of computational science by addressing and answering these and many other questions. Students use and modify virtual experiments preprogrammed in the NetLogo programming language to investigate these topics and others in Social Sciences, Biology, and Environmental Science. No prior knowledge of computer programming or NetLogo is required.

Type:

SCI TECH ENGR

Electrical Engineering:

- **ECE-288 Measuring the World**

Credits:

4.00

Description:

The world is addicted to quantifying the essence of everything, from personal IQ, to the speed of a baseball, to our healthiness, or our chances of winning the lottery. Behind most of these numeric values exists a science of measurement. Some of this is referenced to international standards, such as for length, time, weight, or temperature. Others are more arbitrary and subjective, such as ranking Olympic performance in gymnastics, beauty pageants, or popular responses as found in the game show Family Feud. A third category includes controversial areas, such as measuring whether a person is lying when interrogated, or using hype rather than reality to market products. Sometimes statistics are used to predict sports outcomes, such as in the annual March Madness NCAA basketball brackets. Finally, in a world subject to fraud and deception, it can be essential to distinguish legitimate from counterfeit items, such as in money, art, collectibles, and historical documents. Don't get hoodwinked! This course examines all of these, starting with how measurements have been made throughout history, along with a full deck of entertaining terms used during the ages. This may help you sort out your weight, whether given in pounds, kilos, or stones. Often these terms will provide insights into how people lived in different eras. We will also look at some of the technologies currently available to provide these measurements, and unravel the complexities of various sensors that are used. As we consider the meaning of accuracy we may become less naive about how much confidence to ascribe to the results given us. Hovering around all of these measurements should be the question of validity - are they meaningful, useful, or misleading? And the impact they have on society - whether they steer behavior more powerfully than one might originally suspect. Each student will also be given an opportunity to become an expert in an area of measurement of personal interest. By the end o

Type:

SCI TECH ENGR

- **ENS-103 Introduction to Engineering**

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **ENS-L103 Intro to Engineering Lab**

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab. There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

Environmental Science:

- **UES-107 Introduction to Drones**

Prerequisites:

UES-L107

Credits:

3.00

Description:

Unmanned autonomous systems (UAS) or Drones are high-tech, intelligent machines capable of traveling by air, land, or sea via a remote connection. This course presents concepts and practical methods of using Unmanned Vehicles in a professional context, particularly for environmental projects. UAVs are increasingly being used in a professional capacity such as cinematography and filming, real estate, construction, surveying, mapping, agriculture, industrial inspections, utilities inspections and many more. The course covers mission planning, operations, field data collection, data processing, legal implications, data analysis and data deliverables. The course and laboratory will include learning flying micro-drones and preparing to pass the Federal Aviation Administration's Unmanned Aerial Vehicle Airmen (Part 107) exam. The course will have an associated Laboratory component in which students will learn how to properly plan effective flight missions, fly safely and legally, develop risk management strategies, analyze the data captured and convert it into a useful data deliverable.

Type:

SCI TECH ENGR

- UES-L107 Introduction to Drones Lab

Prerequisites:

UES-107

Credits:

1.00

Description:

Unmanned autonomous systems (UAS) or Drones are high-tech, intelligent machines capable of traveling by air, land, or sea via a remote connection. This course presents concepts and practical methods of using Unmanned Vehicles in a professional context, particularly for environmental projects. UAVs are increasingly being used in a professional capacity such as cinematography and filming, real estate, construction, surveying, mapping, agriculture, industrial inspections, utilities inspections and many more. The course covers mission planning, operations, field data collection, data processing, legal implications, data analysis and data deliverables. The course and laboratory will include learning flying micro-drones and preparing to pass the Federal Aviation Administration's Unmanned Aerial Vehicle Airmen (Part 107) exam. The course will have an associated Laboratory component in which students will learn how to properly plan effective flight missions, fly safely and legally, develop risk management strategies, analyze the data captured and convert it into a useful data deliverable.

Type:

SCI TECH ENGR

- UES-111 Environmental Science

Prerequisites:

Must be taken concurrently with UES-L111

Credits:

3.00

Description:

Applies the fundamentals of science to environmental issues. Topics include population dynamics and resources, environmental degradation, ecosystems, geologic processes, deforestation, biodiversity, climate change, air, soil, and water resource management, and pollution and risks to health.

Term:

Offered Spring Term

Type:

SCI TECH ENGNR

- **UES-L111 Environmental Science Lab**

Prerequisites:

Must be taken concurrently with UES-111.

Credits:

1.00

Description:

Laboratory exercises are used to illustrate topics covered in UES 111. Field testing and analysis of environmental samples. Field trips may be required.

Term:

Offered Spring Term

Type:

SCI TECH ENGNR

- **UES-121 Science, Art, and the Environment**

Prerequisites:

Take UES-L121 concurrently

Credits:

3.00

Description:

Examines art and cultural objects through the lens of the biological, chemical, and physical principles of the materials and processes we use to make them. Includes consideration of factors important in art conservation. Provides an environmental context for the manufacture and use of art materials and the preservation of cultural objects.

Type:

SCI TECH ENGR

- **UES-L121 Science, Art, and the Environment Lab**

Prerequisites:

Take UES-121 concurrently

Credits:

1.00

Description:

Provides hands-on work with pigments, dyes, and other art materials using the basic principles of science and technology. Students will conduct laboratory experiments that produce art objects and other consumer products. Instruction in safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables, graphs, and graphics. Practice in synthesizing compounds like paints and finishes and in evaluating methods of art conservation.

Type:

SCI TECH ENGR

- **UES-225 Geographical Information Science**

Prerequisites:

Take UES-L225 concurrently

Credits:

3.00

Description:

Provides the fundamentals of geographic information science (GIS) including the history of automated mapping. A review of the necessary hardware and software elements used in GIS is presented. Hands-on exercises with computerized mapping software are required.

Type:

SCI TECH ENGNR

- **UES-L225 Geographic Information Science Lab**

Prerequisites:

Must be taken concurrently with UES-225

Credits:

1.00

Description:

Required companion computer laboratory to be taken concurrently with UES 225.

Type:

SCI TECH ENGNR

Forensic Science

- **FS-103 Introduction to Forensic Science**

Prerequisites:

FS-L103

Credits:

3.00

Description:

Application of the principles of forensic science in evaluating physical evidence, with emphasis on its role in criminal investigation. Class experiences may include guest lectures and field trips. 3-hour lecture. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **FS-L103 Introduction to Forensic Science Lab**

Prerequisites:

FS 103 concurrently

Credits:

1.00

Description:

Laboratory experiences related to the collection and analysis of physical evidence as performed by forensic science professionals. Experiments may include forensic microscopy, drug analysis, forensic serology, physical patterns, fingerprint and firearm evidence analysis techniques. 3-hour laboratory. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

Neuroscience:

- **NEUR-101 Intro to Neuroscience**

Credits:

4.00

Description:

Introduces the field of neuroscience, the study of the organization and function of the nervous system of humans and other animals. Neuroscientists examine how individual neurons function as signaling devices, how groups of neurons operate as circuits to produce fundamental units of behavior, and how much larger systems in the brain subserve complex functions such as memory and consciousness. Topics include the neuron and neural transmission, the overall function and organization of the nervous system, the development of the brain, neural plasticity, sleep, memory and other higher cognitive functions. Normally offered alternate years.

Type:

SCI TECH ENGR

Physics:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or MATH-165 or permission of Physics department chair; PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **PHYS-151 University Physics I**

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-153 University Physics III**

Prerequisites:

MATH-121, MATH-164 or MATH-165

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGR

- **SCI-103 Environmental Science**

Prerequisites:

SCI-L103 must be taken concurrently

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to environmental degradation, ecosystems, geological processes, population dynamics, deforestation and biodiversity, climate change, ozone depletion, air soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **SCI-L103 Environmental Science Lab**

Prerequisites:

Must take SCI-103 concurrently

Credits:

1.00

Description:

Laboratory exercises to illustrate the topics covered in Science 103. Field-testing and analysis of environmental samples. Field trip required.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **SCI-111 Introduction to Astronomy**

Prerequisites:

MATH-128 or higher and SCI-L111 must be taken concurrently.

Credits:

3.00

Description:

History of Astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors; space programs, science and technology in society. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-L111 Introduction to Astronomy Lab**

Prerequisites:

Take SCI-111 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 111. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-112 Structure of the Universe**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGNR

• **SCI-L112 Structure of the Universe Lab**

Prerequisites:

Take SCI-112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-113 A Habitable Earth Within the Solar System**

Credits:

4.00

Description:

This course introduces non-science majors to concepts that are central to making our planet habitable. It presents Earth in context of the solar system with a broad view of global climate change and energy resources in a quest to better understand the workings our planet. This course on Earth and Planetary Science is suitable for students who may have taken their last science and math course several years ago, or are just curious about knowing facts on major issues that pertain to the future of our planet. Together with a reading component, this course aims to give students a flavor of how researchers think, investigate and develop conclusions that directly affect our political and economic future. Topics covered in this course range from the solar system to the study of search for other habitable Earth-like planets, search for extraterrestrial life, and evolution of life on Earth. Other characteristics of this course are heavy use of audio-visual materials often including computer animations and simulations, in-class experiment demonstration, and intensive use of INTERNET-based resources.

Type:

SCI TECH ENGR

- **SCI-165 Inner Workings of Physics Universe**

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

SCI TECH ENGR

- **SCI-171 The Built World: How Humans Engineer Environments**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **SCI-173 Mapping Our World The Power of Digital Maps**

Prerequisites:

SCI L173 Must be taken concurrently Knowledge of Windows type Application

Credits:

3.00

Description:

Geographic Information Science (GIS) link information (number of fire hydrants on a block) to features on a map (e.g., a point representing street address) that has a designated geographic location (as designated by global coordinates). Unlike paper maps, GIS software allows the production of interactive maps that allows the user to layer data, to indicate spatial patterns, to analyze trends, and to combine different features of the mapped area in novel ways. For example, a business person may wish to use GIS to determine the optimum location of retail outlet (based on the mapped demographics of a neighborhood), while an environmental engineer may use GIS to describe the location of outfalls to see how they correlate to areas

of stream pollution. In this course, students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-L173 Mapping Our World Lab**

Prerequisites:

Must be taken concurrently with SCI-173

Credits:

1.00

Description:

This laboratory illustrates concepts and methods taught in SCI 173. In this lab students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-181 Science and Life in the 21st Century**

Credits:

4.00

Description:

No longer offered on Boston campus This is a four credit, non-lab, science course that examines the central scientific problems confronting the 21st century. The course studies particular topics and teaches the necessary science around these topics to provide a good understanding of the issues. The topics currently are: Energy, Science and Economic Decisions, Sustainability of Life on Earth, Health and Science.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-184 Contemporary Science and Innovation**

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-201 Physics for Future Presidents**

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGR

• SCI-210 Earth and Planetary Crystals

Prerequisites:

Take SCI-L210 concurrently

Credits:

3.00

Description:

This course will provide undergraduate students of various disciplines with an introduction to gems and crystals using interactive, evidence-based teaching approaches. Crystalline forms of matter are critical to our existence. Using innovative teaching strategies of in-class hands-on demonstration, supplemented with visuals of crystal details, the course provides students insights into the formation, alteration and unique properties that make crystals invaluable. Topics range from the study of proteins and nucleic acids to the interior of planets. The in-class lectures will provide a basic guide that will serve as a platform for individually catered in-depth study. Therefore, the course is open to advanced students as well, who can pick up higher level of information for discussion and class projects.

Type:

SCI TECH ENGR

Some Science division courses may have Math or Computer Science prerequisites; many have other Science prerequisites.

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Courses may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



2017-2018 Archived Catalog Information

Bachelor of Science in Journalism

The Bachelor of Science in Journalism is available to Journalism and Public Relations majors only.

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

The BSJ degree requires the successful completion of the following courses:

Core Requirements: 14 courses, 51-52 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Humanities/History](#)

Ethical & Philosophical Inquiry: 1 course, 4 credits

Choose one Ethics course from those listed below:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Courses may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



2017-2018 Archived Catalog Information

Bachelor of Science in Journalism

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- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Humanities/History](#)

Social Science: 2 courses, 8 credits

Economics:

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

Government:

Choose one Government course from those listed below:

- **GVT-110 Introduction to American Democracy**

Credits:

4.00

Description:

An introduction to the American political system and constitutional framework. Focus will be on the interplay of various institutions (the Presidency, Congress and the Judiciary) in creating public policies. Contemporary public issues will be discussed, as will the role of political theory in shaping American democracy. Attention will be given to the role of the news media, public opinion, political ideology, political parties and interest groups in the American system.

Type:

Human Behavior & Societies

- **GVT-115 Evolution of the Global System**

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

Type:

Human Behavior & Societies

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Courses may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



2017-2018 Archived Catalog Information

Bachelor of Science in Journalism

The Bachelor of Science in Journalism is available to Journalism and Public Relations majors only.

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Core Requirements: 14 courses, 51-52 credits

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- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Ethical & Philosophical Inquiry](#)
- [Social Science](#)
- [Humanities/History](#)

Humanities/History: 2 courses, 8 credits

Choose one History course from those listed below:

- **HST-101 History of Western Civilization I**

Credits:

4.00

Description:

Surveys European culture, politics, and society from antiquity to the seventeenth century. Topics include: the Greek, Judaic, and Roman heritage; the rise of Christianity; feudal society in the Middle Ages; Renaissance and Reformation; the Scientific Revolution; and the development of absolutist and constitutional governments.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **HST-102 History of Western Civilization II**

Credits:

4.00

Description:

Surveys European culture, politics, and society from the Scientific Revolution to the present. Topics include: the development of absolutist and constitutional governments; the Enlightenment; the French Revolution; Industrialization and urbanization; nationalism and imperialism; World War I, World War II, and the Cold War; the decline of Europe as a world power.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-121 World History I**

Credits:

4.00

Description:

Explores the major themes of human history to 1500. Topics include: hunter-gathering, the migration of humans across the globe, transitions to food production, and the development of complex societies based on agriculture. Major early Eurasian civilizations (China, India, the Middle East, and Europe) are examined (alongside their interactions with Inner Asia and the Arabian Peninsula). So too are Sub-Saharan Africa and the Americas.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

• **HST-149 Empires & Globalization in World History I**

Credits:

4.00

Description:

This is the first of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include the formation of the medieval trade system, the development of finance and capitalism in the early modern ages, and economic changes prior to the Industrial Revolution. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Fall Term

Type:

Social & Intellectual HST

• **HST-150 Empires & Globalization in World History II**

Credits:

4.00

Description:

This is the second of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include state-making, wars, and the rivalry among early modern empires, economic development, the Industrial Revolution and the formation of the global trade system. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Spring Term

Type:

Social & Intellectual HST

• **HST-181 American Life to the Civil War Era**

Credits:

4.00

Description:

Surveys American history from European colonization up through the era of the Civil War. Topics include interactions with Native Americans; slavery; the American Revolution; the founding of a new republic; social and economic developments in the early nineteenth century; expansion; party politics; sectional conflict; the Civil War and Reconstruction.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

• **HST-182 American Life Since the Civil War Era**

Credits:

4.00

Description:

Surveys American history from the 1870s to the present. Topics include the new industrial order; farmer and worker protests; progressivism; America's emergence as a world power; the two World Wars; the Great Depression; the New Deal; the Cold War; post-World War II American society; the Civil rights movement; Vietnam; dissent and counterculture in the 1960s; the women's movement; economic, social, and political changes in the late-twentieth century; America's relationship to a globalized world.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-251 Modern East Asia**

Credits:

4.00

Description:

China, Japan, and Korea - East Asia's critical players - share many historical influences, but each has a distinct culture, and they competed with each other for much of the twentieth century, proud of their achievements but feeling threatened by their neighbors. Lectures interspersed with movies and documentaries to show how East Asia has developed in the past one-hundred-plus years.

Type:

Social & Intellectual HST

- **HST-260 Asian Peoples and Cultures**

Credits:

4.00

Description:

Introduces the peoples of Asia and the cultures they have created. Particular attention is paid to the lives of the common people in both historical and contemporary times. By understanding the richness and complexities of daily life in Asia, we will understand the continuities and discontinuities brought on by social, cultural, and economic changes. We will gain an appreciation of our fellow human beings in Asia.

Type:

Social & Intellectual HST

• HST-268 History of the Mediterranean

Credits:

4.00

Description:

Explores the history of the Mediterranean from the ancient times to the 20th century, with emphasis on the extraordinary interaction between the rich cultural, ethnic and religious backgrounds of the peoples of Europe, Middle East, and North Africa.

Term:

Occasional

Type:

Social & Intellectual HST

• HST-312 Renaissance and Reformation Europe

Credits:

4.00

Description:

Explores the intellectual and cultural developments of the Renaissance, and of the Protestant and Catholic Reformations in their social and political contexts. Topics include: Humanism, the rise of the city-state; art, and science; changes in family and social life; the causes of the Reformation (intellectual, social, technological); Calvinists, Lutherans, and Radical Reformers; Counter-Reformation and its political consequences; the Wars of Religion.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-361 Native America 1832 to Present**

Credits:

4.00

Description:

Topics will include the Plains Indian Wars; ethnological aspects of Indian tribes; the pitfalls of Indian reform movements; Indian resistance to U.S. assimilation and reservation policies; the Indian New Deal; activism and the American Indian Movement; Indians' future prospects. Cultural Diversity A

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-383 Boston: Heritage of a City**

Prerequisites:

One History course

Credits:

4.00

Description:

Boston from its foundation in 1630 to its development as a 21st century metropolis. From the Massachusetts Bay Colony, to cradle of the American Revolution, to a Yankee merchant capital, Brahmin cultural center, and immigrant melting pot. When offered in the hybrid format, this course will meet

at the regularly-scheduled time, but lectures and other course materials will be available on the course Blackboard site in case you cannot attend.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-394 Slavery in Film, Literature and History**

Credits:

4.00

Description:

A seminar on slavery in the United States as depicted in history, literature, and film. Topics may include resistance to slavery, honor, the attack on slavery, the cultural and social worlds of masters and enslaved people, the thought of masters and enslaved people, women and slavery, and/or slavery as an economic institution.

Type:

Social & Intellectual HST

- **HST-412 Europe in the 20th Century**

Credits:

4.00

Description:

Examines the political, economic, social and cultural developments of the principal European states since 1900. Topics include: World War I; the social and economic dislocations of the 1920s and 1930s; the rise of Fascism and National Socialism; World War II; the remains of colonialism; modernization and Americanization since the 1960s; the European Union; Europe after the Cold War; and throughout the twentieth century, the importance of class and class conflict, nationalism, and war in shaping the European experience.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-426 Politics and Culture in Europe 1919-1939**

Credits:

4.00

Description:

Explores the social and political development of European society between the two world wars, primarily through the literature, art, and films of the period. Topics include: the dissolution of pre-1914 middle class society; deviance and sexuality in the 1920s; the role of decadence in art and the Fascist response to deviance in life and art; women, workers, and the new technology; the rise of Fascism; political engagement and polarization throughout European society in the face of economic and social crisis.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-489 Germany: Film, Politics, Memory Since 1945**

Credits:

4.00

Description:

Explores German history since 1945 through film, newsreels and other archival footage, war memorials and museums, novels, published diaries, memoirs, and recent historical scholarship. Topics include the representation, in film and other texts, of: post-war rebuilding; the German Economic Miracle; divided Berlin; 1960s and 70s radical politics; coming to terms since 1945, with Germany's Nazi past and the Holocaust; coming to terms since 1990 with the Stasi and East German past; Ostalgie (nostalgia in the 21st century for some aspects of East German socialism); the multi-cultural society that is Germany today, with new Turkish, Greek, Russian, Arab, and even Israeli communities.

Type:

Social & Intellectual HST

Choose one course from those listed below:

American Studies:

- **AMST-111 Defining America and Americans**

Credits:

4.00

Description:

Examines artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and methods in the field of American Studies.

Type:

Social & Intellectual HST

Art & Design:

- **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

Asian Studies:

- **AS-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Both Fall and Spring

Type:

Asian Studies, Social & Intellectual HST

Philosophy:

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Social & Intellectual HST

Women's & Gender Studies:

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Social & Intellectual HST

- **WGS-115 Introduction to Gender Studies**

Credits:

4.00

Description:

Introduces the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, explores the pervasive influence of gender on the structure of society and our everyday experiences and the role that gender plays in our understanding of love, friendship, sexuality, and even violence. Topics include: biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Social & Intellectual HST

- **WGS-311 Engendering Entertainment: Feminism and Popular Culture**

Credits:

4.00

Description:

Investigates the complex intersections between feminism and popular culture through several different lenses: by exploring, how feminists make arguments about popular culture; by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like *The Bachelor* and *Grey's Anatomy*; by focusing on a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's *Female Chauvinist Pigs*, and Caitlin Moran's *How to Be a Woman*. Along the way we will ask questions about: what makes a work of art feminist; how modern media contributes to or distracts us from a variety of political debates in the realm of female equality and how can we, as individuals, use modern media to create and advance smart, feminist arguments.

Type:

Social & Intellectual HST

• WGS-315 Feminist Thought

Credits:

4.00

Description:

Investigates how feminists, both today and in history, have understood inequality and difference and looked for the best ways to address these issues and bring about social justice. Examines how feminist theorists help us to understand how gender and other social categories, such as race, class, sexuality, disability, age and nationality, are constructed within and through each other; and analyzes feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory, as well as consider anti-feminist arguments. Readings include classic critical texts by authors including Mary Wollstonecraft, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler.

Type:

Social & Intellectual HST

• WGS-335 Queer Narratives

Credits:

4.00

Description:

Explores the stories that help us to understand communities, identities, and bodies that could be considered queer, and the ways that film, music, memoir and fiction have discussed queer as different, unusual, or other. Texts include the documentary, "Paris Is Burning", Frank Ocean's 2012 album, "Channel Orange", and Janet Mock's recent memoir, "Redefining Realness", as well as foundational queer theory from Judith Butler, Eve Kosofsky Sedgwick, and Lee Edelman, among others, to help build a framework for approaching and interpreting both fictional and non-fictional accounts of queer lives.

Type:

Social & Intellectual HST

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Courses may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



2017-2018 Archived Catalog Information

Bachelor of Science Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BS degree programs require the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

First Year Experience: 1 course, 1 credit

Students with 15+ transfer credits of college or university work are exempt.

Choose one of the following to be completed during the first semester of matriculation:

- **CAS-101 Strategies of Success**

Prerequisites:

CAS students only. SBS students by special permission.

Credits:

1.00

Description:

CAS 101 is a one-credit course that meets once a week and is designed to help you have a successful transition to Suffolk University and our unique urban community. It is also designed to introduce you to the principles and concepts of Oral Communication and Presentation Skills. Through interactive exercises and engaging assignments, you will explore the campus environment and learn about strategies for success as a student. You will present speeches about your research and activities to improve your abilities as a speaker.

- **ADPR-102 Professional Development**

Prerequisites:

ADPR-101 must be taken concurrently

Credits:

1.00

Description:

In this hands-on experiential course, students examine potential career paths in Advertising, Public Relations, and Social Media, become oriented to the university and the surrounding Boston area, and identify professional resources in Boston that foster career development.

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Core Requirements may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



2017-2018 Archived Catalog Information

Bachelor of Science Degree

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- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Seminar for Freshmen: 1 course, 4 credits

Students with 15+ transfer credits of college or university work are exempt.

Please note that not all courses are offered each semester. Students should contact their advisor to learn about current course offerings.

Choose one Seminar for Freshmen course from those listed below:

- **SF-101 Fixing the World- Energy and Water: The Science of Solutions**

Credits:

4.00

Description:

Two of the most daunting challenges the world faces (or will face) is how to provide for both its growing energy needs and potable drinking water. Regular news events include climate change, droughts, flooding, and petroleum struggles. Human nature often requires a severe crisis before it responds. This course will investigate the historical science driving the use of energy since the Industrial Revolution to convert energy resources into work, including the steam engine, the electric motor, and the internal combustion engine. It will also consider alternative energy options to fossil fuels, such as solar, wind, geothermal, and ocean power. Along the way we will consider the evidence for Global Warming and Climate Change. We will look into human nature, simple life styles, conspiracy theories, and the influence of those in power to shape human opinion. We will also consider how our water supply is provided and where it goes after being used. What options do developing countries or drought racked areas have to remedy their water needs? Although the course pursues a scientific understanding of these issues, the mathematics used will be gentle, and a larger emphasis will be placed on the intuitive appreciation of these concerns.

- **SF-116 Enlightened Insanity**

Credits:

4.00

Description:

Rain or shine, the great 18th century Enlightenment philosophers would meet at the famous cafes of Paris to discuss their ideas, and to observe and criticize society. From these informal debates emerged ideas that are at the core of our modern understanding of the nature of society, marginality, human nature, civil rights, the essence of creativity and genius. Come join us in the quest to understand, define, observe, and analyze the key ideas and concepts of these great thinkers, such as Rousseau, Diderot, and Voltaire, still so relevant in our time. We will read key works of these creative thinkers and philosophers. We will enrich our experience and understanding through the use of film, theatre performances, museum visits, as well as the occasional cafe debate.

- **SF-126 The Boston Theatre Scene: the Inside Experience**

Credits:

4.00

Description:

Using the current Boston theatre season as its syllabus, this writing- and analysis-intensive course will explore several plays in production at some of Boston's many professional theatres. We will study the script of four to five plays before attending performances of those works. Students will gain insights on the world of theatre through backstage tours and conversations with theatre professionals such as producers, directors, actors, designers, playwrights, and critics. Students must be available for evening (usually Wednesday) performances. A fee for student-rate tickets will be assessed.

- **SF-132 The Beatles: Here, There & Everywhere**

Credits:

4.00

Description:

This seminar will investigate the impact and legacy of the Beatles. The Fab Four deserve our scholarly attention as musical innovators and as cultural avatars of the 1960s, an era that still exerts influence today. We will examine the many ways in which the Beatles rocked the establishment and became defining figures in post-war youth culture. We will also discuss other media (the visual arts, film, fashion, style) and fields of study (mass media, marketing, recording technology, copyright law, English history) using the Beatles as our guides.

- **SF-151 Getting Over It: Dealing With the Aftermath of Group Conflict/Mass Atrocity**

Credits:

4.00

Description:

Once violent conflict between two groups has ended, what is the best way to transition back to normality coming to terms with the past or simply moving on? To answer these questions we will examine the debates surrounding war crime tribunals, truth commissions, lustration policies, and reparations in the second half of the 20th century. Case studies will include post-apartheid South Africa, post-WWII Germany, and the Israeli/Palestinian conflict. We will discuss the philosophical problems raised by each of these instruments, as well as on the political, legal, and practical difficulties their implementation present. Cultural Diversity B

- **SF-156 The Mask Behind the Face: Personas, Personalities, and Perception. Acting in /Out Life**

Credits:

4.00

Description:

The theatre has always been a metaphor for life. In modern times life has become theatre. This seminar will confront the idea of real life and the eroding boundary between performers and audience. Students will study the roots of the contemporary obsession with stars and stardom, a mania that began in the 18th century and flourished in the 19th century. We will look at performance studies, performers memoirs, plays, and films that dramatize this dilemma.

- **SF-173 Crime in American Society**

Credits:

4.00

Description:

Popular beliefs about crime are often inspired by the media and by specific criminological theories. These theories about and media images of crime will be examined in detail, including the hits and misses.

- **SF-174 Tragedy and Literature**

Credits:

4.00

Description:

This course will focus on classic works of ancient and modern literature that examine the human condition from a tragic perspective. We will concentrate on close readings from the following texts: Homer's Iliad, Sophocles' Antigone, The Bhagavad-Gita, Shakespeare's Othello, Chekhov's short stories, and Joyce's Dubliners.

Type:

Classics Minor

- **SF-175 War and Apocalypse in Science Fiction**

Credits:

4.00

- SF-178 Sacred Hoops & Sneaker Pimps: Understanding the American Hoop Dream

Credits:

4.00

Description:

This course is about the basketball hoop dream played out at the high school and college levels. We will study a wide variety of materials - novels, films, websites, reference works - to understand both the construction, and destruction, of the hoop dream in such diverse places as New York City, Seattle, rural Indiana, suburban Georgia, and the Wind River Reservation in Wyoming. Issues of race and culture will serve as guiding themes as we develop critical theory explaining why the hoop dream has persisted, and adapted, over time, to fit the needs of its believers and supporters.

- SF-182 Heroes, Antiheroes and Outsiders: Reading the Graphic Novel

Credits:

4.00

Description:

How is it that comics", a genre often viewed as entertainment for children and adolescents, has become one of the most exciting forms of narrative and visual art? To answer this question, this seminar will examine a range of graphic novels, from those that celebrate their origins in superhero comics, such as Alan Moore's Watchmen, to those that treat subjects not usually considered proper to the comics genre, such as Art Spiegelman's Maus, about the Holocaust, and Alison Bechdel's Fun Home, about the complexities of sexual identity. As we read these works, we will look at how the combination of words and still images makes the graphic novel a unique storytelling form, as well as how artists and writers push the envelope to create new styles and challenge our expectations. In addition to class discussions and writing assignments, we will take a field trip to the Museum of Fine Arts and create a collaborative group graphic novel step-by-step over the course of the semester (all abilities welcome).

- SF-183 Politics, Power and the Media

Credits:

4.00

Description:

Is there a relationship between accumulated political power and mass media representations? Is news content impacted by existing political power relations? It is the object of this course to critically analyze the role of the mass media within the framework of existing political power relations in the United States. In particular, the course will focus on the role the mass media plays in promoting and reinforcing dominant political practices and ideologies. The course will begin by exploring various theories of the press, notably its function in a democratic society, as well as the concepts of power and propaganda. We will continue with a series of case studies, complemented by secondary sources that highlight how media representations affect the contemporary distribution of political power in the US. Topics of discussion will include the current US war on terrorism, the ongoing health care debate, the public disavowal of big government", and the concept of a liberal media.

- **SF-189 American Gothic: Edgar Allan Poe, Flannery O'Connor and Annie Proulx**

Credits:

4.00

Description:

This literature seminar will study and compare the short stories of Edgar Allan Poe, Flannery O'Connor, and Annie Proulx. Beginning with Poe as the father of the short story genre in America and exploring his critical theory of the grotesque and arabesque", the class will examine the emergence of the gothic literary idiom as a classic American genre. Critical essays on the gothic aesthetic will be analyzed and film adaptations and documentaries will be viewed.

- **SF-190 Asia in America Fiction and Fact**

Credits:

4.00

Description:

With a focus on some selected ethnic groups from Asia, Asia in America studies the history and current status of Asian Americans in Boston and other parts of the country. We will examine the major reasons why these immigrants chose to leave their home country as well as their expectations and experiences here in America. We will also discuss the issues Asian immigrants have faced in this adopted home as well as the connections and conflicts among different ethnic groups or even within the same ethnic group due to political and socio-economic reasons. The course will include some level of community engagement, through Chinatown tour and service, which may enable us to have a direct contact with the Asian American population and reflect on what is being discussed in class. Through this course, we hope to gain a better understanding of the racial and cultural history of the country and arrive at a deep appreciation of the dynamics of cultural interactions in the twenty-first century. The course fulfills the SCGP requirement.

Type:

Global Engagement Experience

- **SF-191 Film Adaptation Film Adaptation**

Credits:

4.00

Description:

Why did they change the ending of the book? The novel is so much better! We will explore the concept and industry of film adaptation. Students will read novels and watch respective film adaptations to explore how the written word is adapted to the screen; both fiction and non-fiction works will be considered. Also, field trips to past film locations in Boston will be taken to explore why specific settings were chosen for respective situations. Additionally, students will create their own written adaptations of source materials, putting into practice the concepts studied in class.

- **SF-197 Sustainability, Energy, and Technology At Suffolk University**

Credits:

4.00

Description:

In this project and team-based course, students study a sustainability problem at Suffolk University and spend the semester developing proposals to address the problem. At the end of the course students will present their proposals to Suffolk University's sustainability committee, and will exhibit their websites and visual aids in the Donahue lobby to educate the Suffolk community about sustainability. If their proposals are well-researched and well-communicated, students can see their ideas actualized while they are still undergraduates.

- **SF-198 Music and the Brain**

Credits:

4.00

Description:

What accounts for the power of music to move us so profoundly? This course explores how our brains and music evolved together: What music can teach us about the brain, what the brain can teach us about music, and what both can teach us about ourselves.

- **SF-199 Unfolding the European Union**

Credits:

4.00

Description:

The EU is a powerful political, economic and cultural block that is meant to play a major role, together with the USA and China, in the creation of a new post-crisis world order. The seminar is intended to cover, at a basic but reachable level, the history, the politics, the culture and the functions of the EU in the beginning of the Twentieth Century. An extraordinary experiment of sociopolitical engineering, comparable to that of the United States of America, the EU has been changing the life of an increasing number of Europeans for over 50 years. No American student could afford to ignore the inner structure as well as the particular peculiarities of such inclusive supranational organization in today's world. Issues as institutional functioning, problems derived from individual state sovereignty, economic coordination to face common challenges, cultural integration, future enlargement, etc. are all indispensable to understand the way in which Europe is changing. But also much more day-to-day issues, such as travel mobility, education exchange programs, citizen's participation, supranational networks of people in the arts or in business, unified labor market, gender participation, human rights, consumer's protection, etc. are all in the process of developing a more robust and functional European Citizenship.

- **SF-1110 Decoding Boston: Signs and the City**

Credits:

4.00

Description:

This interdisciplinary seminar will explore the buildings, monuments, sites, and signs around Boston from the point of view of Visual and Culture Studies. In addition to providing a compelling introduction to the history, major landmarks, and culture of the city, the seminar is specifically intended to improve students' visual literacy: that is, their awareness of their visual environment and their ability to critically analyze the rhetoric of the spaces, buildings, and images with which they are surrounded.

Type:

Local Engagement Experience

- **SF-1122 The Ethics of Peace and War: From The Ancient World to the Present**

Credits:

4.00

Description:

This course will explore historical, ethical and political issues concerned with matters of peace and war. We will examine a variety of different texts: religious, historical, philosophical and literary, but the main emphasis will be philosophical justifications for war and philosophical visions of just peace, with an eye to contemporary questions in the War on Terror. To the extent that we use non-philosophical texts, this will be in the service of focusing the imagination on the philosophical issues and applying theoretical frameworks to historical events.

• SF-1127 The Vietnam and Iraq Wars: Polarized Perspectives

Credits:

4.00

Description:

This class will examine some of the many controversies surrounding the Vietnam and Iraq Wars, two conflicts that have been profoundly polarizing for the American people. There are widely divergent perspectives regarding the fundamental questions surrounding each war. Were the reasons for American involvement just? To what extent were the methods used by the United States military during each war just? To what extent did the media play an appropriate role before, during, and after each war? Did opposition to these wars serve primarily to benefit the enemies of the United States or did it constitute a form of patriotism and love of country? This interdisciplinary course will address these and other complex questions by examining the histories, literature, and films (both documentaries and dramatic) that have been produced in response to these wars.

• SF-1128 Sustainable Media

Credits:

4.00

Description:

Contrary to a popular perception that information, communication and entertainment technologies are clean, ecologically benign and paperless, the reality of an increasingly digital life is that our fascination with the next best thing in mobile phones, video game consoles, personal computers, digital cameras, tablets, etc., has devastating impacts on our environment. These media devices are manufactured using toxic ingredients in poisonous working condition, require an abundance of energy to operate, and create hazardous waste when disposed. Media technology companies and the advertising industry that markets their wares have successfully persuaded consumers to accept rapid obsolescence and to highly anticipate the latest upgrade. But some consumers, electronics manufacturers, policy makers, and environmental groups are working to change the culture of

consumption in favor of sustainable media practices that lessen the environmental footprint of the digital devices we use everyday. The purpose of this course is to understand the problem of unsustainable media, and the possible solutions for a sustainable media system.

- **SF-1129 Beacon Hill: Fact, Fiction, and Fantasy**

Credits:

4.00

Description:

The course will explore the physical geography, history, and image in literature, film, and pop culture of Suffolk University's Beacon Hill neighborhood. The purpose and objective of the course is to provide students with a deep knowledge, understanding, and appreciation of Beacon Hill through examination of written and visual sources, and feet-on and eyes-on experience of the public parts of the Hill.

Type:

Local Engagement Experience

- **SF-1133 Problems and Solutions in Early American History**

Credits:

4.00

Description:

This course will examine four major problems in the early American republic: forming a government; bridging vast distances on the American continent; slavery; international relations. We will explore the various proposed solutions to these problems. Some of the solutions worked well, others were more disastrous than the initial problem. We will read primary documents pertaining to these issues, and try to imagine how men and women considering the problems might have responded to them. What solutions could be proposed? What solutions would work? What were the political, economic, or social difficulties generated by the problem and by the proposed solutions? In considering the problems, we will also learn how to use the various archives close at hand: the Sawyer Library, the Boston Public Library, the Massachusetts Historical Society, and the Massachusetts State Archives. Students will also post their findings on a class blog, and present their work to one another in class.

- **SF-1134 The Meaning of Life**

Credits:

4.00

Description:

What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? This award-winning course offers a cross-cultural, interdisciplinary exploration of these questions through philosophical and religious texts, art, fiction, autobiography, and psychological studies. The course opens with the Old Testament's book of Ecclesiastes, followed by three units: 1) A Life Worth Living: Humanity's Ideals focuses on the ancient and modern visions of human flourishing; 2) Threats to Meaning: Humanity's Discontents, discusses the disillusionments leading to the loss of meaning; and 3) Recovery of Meaning: Crises and Hopes, explores the post-crisis possibilities of self-discovery and growth. Please visit <http://meaningoflife.cherkasova.org/>

- **SF-1135 Women Warriors: Stories of Captivity, Conversion, and Confession**

Credits:

4.00

Description:

Since the beginning of time, women have been doing battle to themselves, while men have gone to battle against others. Whether it is through converting to Christ, yielding to captors in order to survive, or carrying a baby, this course introduces students to the many ways in which, whatever battles they face, women are warriors; they survive. Utilizing an array of captivity, conversion, and confession narratives by women, and pairing them across the centuries, students will make connections and draw conclusions between early-and mid-19th-century-American and contemporary women. Students will connect, for example, the trials of the 17th-century Puritan captive, Mary Rowlandson, and contemporary hostage, Elizabeth Smart, to explore how women (no matter how different they seem) draw upon unique inner resources to survive.

- **SF-1141 Classical Civilizations: Pathways to Wisdom**

Credits:

4.00

Description:

How is it that the knowledge, intelligence, wisdom and values of the Greeks and Romans still educate and edify the world by providing venues towards leading fulfilling and dignified lives? The guiding principles of their respective civilizations rested upon eight pillars: - Humanism: It was recognized that humans have the potential to master their world and live life to the fullest. -The Pursuit of Excellence: To imagine the highest good and strive to attain it. - Self Knowledge: It is imperative to know oneself before seeking to know the world. - Rationalism: Always question, reason and discern truth from falsehood and never consider any matter superficially. - Restless Curiosity: Often the resolution of one issue leads to the revelations

of others mysteries and pursuits which compels further investigation. The wise individual makes this a lifelong endeavor. -Love of Freedom: As long as one brings no harm to others, one must be free to live and discover as much as possible. - Individualism: All are unique and, therefore, must recognize individual strengths and identity. -The Practice of Moderation: The prudence of avoiding extremes in personal and social conduct. In this course, students will read two (brief) texts on the Greek and Roman contributions to the world and then will proceed with specific readings which illuminate the eight principles above for achieving the good life.

- **SF-1143 In the First-Person: Storytelling in the 21st Century**

Credits:

4.00

Description:

This section of the Seminar for Freshmen will consider the forms, venues, and impacts of narrative nonfiction in contemporary culture. From the exploding popularity of personal essays in the digital age to the living, evolving essays we create on social media, we are constantly narrating and archiving our lives, shaping their content for specific audiences. In doing so, we shape what our experiences mean and represent. In order to analyze the power of narrative nonfiction, we will look at a variety of multimodal texts: essays, podcasts, Instagram and Twitter feeds, stand-up comedy, and storytelling slams, as well historical texts such as the essays of Michel de Montaigne and historical artifacts at the National Archives in Boston. We will also write our own narrative nonfiction, and adapt our first-person stories for listening and viewing audiences, such as the MassMouth story slam and podcasts like This American Life. Additionally, we will practice narrative nonfiction for professional audiences, using storytelling as a way to showcase personal strengths to employers, internship coordinators, and the like.

- **SF-1144 Native Americans: Walking in Two Worlds?**

Credits:

4.00

Description:

Native Americans are often described as walking in two worlds, as they attempt to navigate the process of maintaining their tribal identity and heritage while living in mainstream America. In recent years there has been a shift towards tradition and heritage, and a rejection of Western values and norms in both the US and Canada. In this course we will look at how Native people live in the US and Canada today, and examine the extent to which they are either trying to walk in two worlds or perhaps rejecting the two worlds model. To help us answer this question, we will read about reservation life, the Idle No More Movement, Indigenous History, and current events. We will also watch videos and explore indigenous culture.

- **SF-1145 Emergence of Southeast Asia**

Credits:

4.00

Description:

Explores the eleven countries and 600 million people of Southeast Asia starting with foundations- geography and environment- and then looking at the human imprint, in the form of the history, religions, and cultures of the region. An examination of contemporary issues related to demography, politics, and (especially) economics.

- **SF-1146 Fido the Friendly Wolf: A Natural History of Dogs**

Credits:

4.00

Description:

This course explores the evolution of dogs from wolves and the ways in which dogs have adapted to their niche in human society. The ecology, behavior, genetics, and adaptations of dogs will be explored in relation to both their wolf ancestry and artificial selection by humans. The course includes 2 mandatory field trips to a wolf sanctuary and an animal shelter.

- **SF-1147 Global (In) Security: From ISIS to Ebola**

Credits:

4.00

Description:

This course reviews the principal features of global and national security as it is currently practiced by tracing the evolution of theories, policies and circumstances whereby current international security is developed. Students will evaluate the nature and origins of war, arms proliferation, military instability, terrorism, genocide, health threats and natural resources depletion.

- **SF-1148 Brave New Worlds**

Credits:

4.00

Description:

Explores themes of adventure, self-discovery, exile, and culture shock in classic and contemporary travel writing (including fiction, poetry, and non-fiction) as well as film. Students will experiment with creative writing of their own, develop theories of cosmopolitan world citizenship, travel through the city of Boston on field trips, and team up to learn about different countries in Suffolk's global network of study abroad programs.

• SF-1150 Religion in Contemporary Society

Credits:

4.00

Description:

This course is design to provide students with an overview of the social settings and cultural meanings of religion in the contemporary world. Topics that will be covered in reading and discussions include the rise of religious fundamentalism, religion and violence, women's and men's religious experiences, new religions, and portrayals of religion in popular films. In addition to the readings, students will observe and experience religious expressions and activities through fieldwork assignments. The emphasis on films and fieldwork reflects my belief that religion is made up of lived experiences of actual individuals and communities. In order to understand religion in contemporary society we will make every effort to see (in person or in film) a wide range of religious activities. The films we will see include some of the following: Leap of Faith, Devil's Playground, Kadosh, Women of Hizballah, Singing Stream, A Still Small Voice.

• SF-1151 Reproduction and Society

Credits:

4.00

Description:

This course explores relationships between reproductive health and rights both nationally and internationally. Many of our topics fit into two broad areas: conflicts over the control of childbearing (sterilization abuse, birth control, and abortion) and conflicts over who deserves to be a mother, especially when the mothers in question face social stigma and lack political power. Other topics include safe birth and maternal mortality, breastfeeding, infertility and reproductive technology. We also examine the politics of women's sexual and reproductive autonomy, including the policies that shape women's choices to prevent, achieve, abort, or carry to term a pregnancy. Throughout, we are guided by the following questions: Why is reproduction an important site through which to understand society? How do statuses such as race, class, gender, sexuality and ability influence people's reproductive possibilities? What is the role of the state in shaping these experiences? How have communities supported or resisted efforts at reproductive control? Why is reproductive justice central to these answers?

- **SF-1152 The Idea of America: Past, Present, Future**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. The course will also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. Because this course intends to apply theoretical understanding to real life, students will be expected to read contemporary journalism on a regular basis and assess the controversies of today in the light of the nation's philosophical and historical currents.

- **SF-1153 Law, Disease, and Public Health**

Credits:

4.00

Description:

This course is about public health law, which is the study of the legal powers and duties of the various systems of government in the United States (federal, state, and local) in collaboration with their partners (e.g., health care, business, the community, the media, and academe), to ensure the conditions for people to be healthy (to identify, prevent, and ameliorate risks to health in the population), and of the limitations on the power of these systems of government to constrain for the common good the autonomy, privacy, liberty, proprietary, and other legally protected interests of individuals. The prime objective of public health law is to pursue the highest possible level of physical and mental health in the population, consistent with the values of social justice. The course will focus especially on public health law in the area of epidemic disease. Case studies will be made of the Great Influenza of 1918 and the origins and spread of the Ebola virus, culminating in an examination of outbreaks of Ebola in the United States.

- **SF-1154 Introduction to Visual Studies**

Credits:

4.00

Description:

This seminar provides an introduction to Visual Studies, a relatively new interdisciplinary field that examines how images communicate and the roles that they play in society. Students will apply the concepts and techniques of Visual Studies to analyze sites and signs around Boston, such as advertisements, street signs, fashions, newspaper photographs, buildings, and public spaces. Class projects will increase students' awareness of their visual environment and their ability to critically analyze the visual rhetoric that surrounds us and is often used to manipulate us.

Type:

Local Engagement Experience

- **SF-1155 The Boston Olympics**

Credits:

4.00

Description:

This class will teach students about the key role that sporting events can play in building a city, building its brand and the politics surrounding the process of these things occurring. Topics may include: urban development in general and the transformation of the industrial to the post-industrial Boston; the way in which cities use events like the Olympics to build their place brands; the way an effort like the Olympics can be used to encourage large scale public investment in longer term infrastructure projects that otherwise might not be justifiable; and the way government works with interest and community groups to try to shape public policy.

- **SF-1156 Thinking About the Insanity Defense**

Credits:

4.00

Description:

This course examines sixteen case examples providing a clear and compelling introduction to one of the most important topics in the relation between public policy and law. This course addresses: the history of the insanity defense; the effects of different standards for determining insanity; the arguments for its retention; abolition, and revision; media and other responses to it; and the controversies around pre and post conviction commitment. The case examples illustrates a variety of outcomes and include individuals who were found not guilty by reason of insanity; found guilty even though mentally ill; and not charged because of mental illness.

- **SF-1157 Germany in Film and History, 1945-2015**

Credits:

4.00

Description:

Since 1945, Germany has had a lot of history to reckon with- and 21st century Germany history through film, newsreels and other archival footage, radio and TV shows, war memorials and museums built since 1945, novels, published diaries, and memoirs. We will also read recent historical scholarship to put these cultural texts in context. Topics include the representation, in film and other texts; of: post-war rebuilding, the German Economic Miracle; the building of the Berlin Wall; radical politics of the 1960s and 1970s; coming to terms since 1945 with Germany's Nazi past and the Holocaust; coming to terms since 1990 with the Stasi and East German past; Ostalgie (nostalgia in the 21st century for some aspects of East German socialism); the multicultural society that is Germany today, with new Turkish, Greek, Russian, Arab, and even Israeli communities.

• SF-1158 Global Climate Change

Credits:

4.00

Description:

Conversation about the weather is considered to be the universal icebreaker. Yesterday's sweltering heat, the storm predicted for this weekend, even long-term climate shifts find their way in our daily conversation. Today, however, such casual conversations have an edge to them, because we are realizing that humans play a role in determining the climate shift. In fact, understanding the human fingerprint in the Arctic tundra melting, or a devastating hurricane, has gone well-beyond small talk to become one of the most important challenges our society faces today, and on that is wedded to geopolitics. To meaningfully participate in any dialogue that addresses this challenge people have to be aware of certain key ideas of Physics and Planetary Science. The aim of this course is to provide you with some of the essential facts and pieces of science underlying such questions. This course will enable you to grasp many of the issues that dominate today's political discourse and to develop an informed opinion (your, not our!) for which you can rationally argue.

• SF-1160 Individuals and Society in the Zombie Apocalypse

Prerequisites:

CAS Freshmen Only

Credits:

4.00

Description:

The Walking Dead tells viewers that life in the zombie apocalypse requires people to fight the dead, fear the living. Sociologists want to know why we should fear the living. How do individuals come together and try to recreate society for themselves: either to build community or fight other groups? What role do morals and values have in a society? How does all of this determine life, death, and the struggles people must face? Questions like these will give our class a new view of The Walking Dead and can help us to learn more about the society that we live in where so far the dead have remained in the ground.

- **SF-1162 Space Missions: From Moon to Mars and Beyond**

Credits:

4.00

Description:

It is hard to believe that only 60 years ago, our only close-up view of a planetary body was that of Earth. We are truly living in the Golden Age of Space Exploration, when a new mission every few years brings us spectacular images from either a neighbor in the solar system or galaxies at the edge of the universe. This course will describe the dozen space missions that changed our view of the universe, ranging from our solar system to the most distant galaxies.

- **SF-1163 Spellbound! Witches, Wizards and Spirits In American Literature**

Credits:

4.00

- **SF-1164 Reinventing Europe: Beyond Brexit and Secular Stagnation**

Credits:

4.00

Description:

While newspaper headlines focus on the multiple problems Europe is facing today, the evolving adaptation of European nation states and the integration process receive less attention. Brexit and economic crises seem to be synonymous of Europe today, but facts such as the European Union accepting five new members in the coming five years or Europe being the most advanced environmental actor or the main international provider of official aid are often ignored by public opinion. This Seminar for Freshman examines the dynamic evolution of the integration process in Europe in the

context of globalization. Three sections articulate the main debates and tensions in the interplay between national and supranational institutions and policies. The first part analyzes how eight European countries have forged their national preferences to delineate their level of immersion in the integration process; it later proceeds with the examination of the main historical events in the history of the integration process. The second part explores the functioning of the EU institutions in order to grasp the essence of the complex policy-making in the Europe of 28 members. The third and final section presents the analysis of the main areas of the EU policy making such as agriculture, monetary and economic issues, among others, and observes the main developments in the area of EU external relations.

- **SF-1165 History of Boston**

Credits:

4.00

- **SF-1166 Cinema-Monde: Global Challenges on Film**

Credits:

4.00

Description:

This course focuses on French-language films - with subtitles! - that address pressing social issues of the 20th and 21st centuries, such as hunger, female genital mutilation, immigration, racism, economic inequality, genocide, gender, sexuality, colonialism and post-colonialism.

- **SF-1167 Fantasy Fiction: Imaginary Worlds**

Credits:

4.00

- **SF-1168 The Real Thing: the Pursuit and Problems Of Authenticity**

Credits:

4.00

Description:

This course will focus on the concept of authenticity in American culture, from its origins in the early 19th century to the present. When the advertising gurus of Coca-Cola branded it as "The Real Thing," they were exploiting something powerful: the idea of something real, stripped of any falsity or illusion. Humans have always desired to know the world and others as they really are," but this desire is particularly strong in the modern world: witness the eagerness to discover one's true self," cut through the B.S., obtain the genuine article, and live authentically. In this course we will interrogate this pursuit of the Real Thing. In various ways, the texts we study both embrace authenticity as an ideal and also question its goodness, usefulness, or even its very possibility. We will thus confront a number of interrelated questions: Where does this desire for authenticity come from? What counts as authenticity," in life and in art? Is authenticity really a virtue to live by? How does it shape artistic and literary expression? Is there even such a thing as the real you This course will be divided into three units. In the first unit, "Counterfeiters and Self-Made Men," we will study how a commitment to authenticity arises in antebellum American literature and culture during a time of rapid national expansion and invention. Readings will include texts by Henry David Thoreau, Ralph Waldo Emerson, Herman Melville, and P.T. Barnum. In the second unit, "Authenticity and Contamination," we will consider two major ways in which authenticity becomes idealized around the turn of the 20th century: as artistic ideal set against fears of mass cultural production, and as a cultural ideal set against fears of racial and cultural mixing. Readings will include texts by Ernest Hemingway, Nella Larsen, Jean Toomer, and William Carlos Williams. In Unit Three, "Buying and Selling Authenticity," we will examine how authenticity becomes commodified (

- **SF-1169 Immortality: Real and Imagined**

Credits:

4.00

Description:

Most of the world's religious traditions have as a part of their doctrines some notion of immortality, rendered both in scriptures as well as iconographically. What precisely is entailed by immortality and why does it constitute such a significant element of so many religious traditions? What can we learn about immortality by investigating various conceptions of the afterlife? Is immortality truly a desirable thing? These questions among others will be examined from the perspectives of philosophy, religion, psychology, anthropology, and biology. Besides being cross-disciplinary, the course will be multi-media in nature. In addition to reading philosophical and religious texts concerning the nature of immortality, students will study various accounts of immortality and the afterlife, examine how the afterlife has been dealt with in (visual) art, literature, and film, and investigate current research into life prolongation (biomedical gerontology).

- **SF-1170 From Philia to Facebook: the Meaning of Friendship**

Credits:

4.00

Description:

The thematic focus of this seminar will be friendship. Friendship is one of the most important of human relationships; one that every student in this seminar has already participated in for many years. It shapes who we are and helps determine who we may become. And while it is a universal phenomenon, it has been practiced quite differently at various times and places in human history. And while we all have an intimate, personal and practical knowledge of friendship through our own experiences, sometimes things that are so close and so obvious to us can be hard to see. Over the course of the semester we will inquire into friendship from many different angles, trying to gain both a broader and a deeper understanding than our own individual experience allows. We will look at friendship first through the lens of philosophy, particularly through the foundational text of Aristotle, *The Nicomachean Ethics*. We will look at other views of friendship from the ancient world, starting in the past to help us see that friendship has not always been thought of the way we think of it now. After this initial foundation is laid, we will examine other writers and thinkers and take up additional topics like friendship in different cultures, friendship and gender, friendship in and through the arts and include an examination of friendship through the lenses of many different academic disciplines to see how other systematic thinkers conceive of friendship. All along we will be comparing and contrasting with our own personal experiences and considering what modern technology, such as social networking sites, has done to influence friendship, in the way we practice it and the way we conceive it. It is the aim of this class that students not just study different academic points of view, but that they take up the questions and challenges that these thinkers present to them and fully engage with them on a meaningful personal level.

- **SF-1171 Living on and Beyond the Hyphen/Latino Writers in the USA**

Credits:

4.00

Description:

Hyphenated-Americans of Latino origin come from many places and backgrounds. Often perceived as a divide, an either/or that separates and distinguishes one ethnic group from another, the hyphen can also be viewed as a link that connects, integrates and facilitates the formation of new cultural spaces. Through films and written narratives by and about U.S.A. Latino(a)(x)-Americans, students will examine how individuals who live on the threshold between two languages and cultures embrace the challenge of preserving their own identity and moving beyond stereotypes. Each of the Latino/a/x authors that we will read in this course will describe his/her own experiences living in the U.S.A. By examining their views through our own filtered lens we shall try to answer questions like the following: 1. What role does language have in our definition/understanding of cultural identity? 2. How do individuals move beyond the hyphen and stop seeing themselves as hybrids? 3. How can an individual who does not belong to a marginalized group (i.e. one considered less powerful and secondary) understand and empathize with those who do? 4. How does globalization affect the dichotomies that arise in bi-cultural and multi-cultural communities?

- **SF-1172 The United States Mexican Border**

Credits:

4.00

Description:

One hundred and sixty nine years have passed since the Treaty of Guadalupe Hidalgo was signed. It is only fitting to analyze the profound changes that the gain/loss of these territories caused for the citizens of both sides of the border. This course will explore the literature, culture, and history of the United States-Mexican Border and the most pressing problems pertaining to the region. Emphasis will be on contemporary border theater and film. The works of Salcedo, Galindo, Lopez and others will be studied as well as contemporary films and documentaries such as *Alambrista*, *Senorita Extraviada*, *The Gatekeeper*, *Sin Nombre*, *Wetback: the Undocumented Documentary*, *Victoria para Chino*, *Which Way Home*, and much more. There are no prerequisites for this course. Though the course is conducted in English, parallel readings in Spanish will be made available to those who wish to read and/or compare the original texts.

Students in the CAS Honors Program should choose one Seminar for Freshmen course from those listed below:

- **SF-H101 Fixing the World- Energy and Water: The Science of Solutions**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

Two of the most daunting challenges the world faces (or will face) is how to provide for both its growing energy needs and potable drinking water. Regular news events include climate change, droughts, flooding, and petroleum struggles. Human nature often requires a severe crisis before it responds. This course will investigate the historical science driving the use of energy since the Industrial Revolution to convert energy resources into work, including the steam engine, the electric motor, and the internal combustion engine. It will also consider alternative energy options to fossil fuels, such as solar, wind, geothermal, and ocean power. Along the way we will consider the evidence for Global Warming and Climate Change. We will look into human nature, simple life styles, conspiracy theories, and the influence of those in power to shape human opinion. We will also consider how our water supply is provided and where it goes after being used. What options do developing countries or drought racked areas have to remedy their water needs? Although the course pursues a scientific understanding of these issues, the mathematics used will be gentle, and a larger emphasis will be placed on the intuitive appreciation of these concerns.

- **SF-H116 Enlightened Insanity**

Prerequisites:

CAS Honors students only.

Credits:

4.00

Description:

Rain or shine, the great 18th century Enlightenment philosophers would meet at the famous cafes of Paris to discuss their ideas, and to observe and criticize society. From these informal debates emerged ideas that are at the core of our modern understanding of the nature of society, marginality, human nature, civil rights, the essence of creativity and genius. Come join us in the quest to understand, define, observe, and analyze the key ideas and concepts of these great thinkers, such as Rousseau, Diderot, and Voltaire, still so relevant in our time. We will read key works of these creative thinkers and philosophers. We will enrich our experience and understanding through the use of film, theatre performances, museum visits, as well as the occasional cafe debate.

Type:

Honors

- **SF-H126 The Boston Theatre Scene: The Inside Experience**

Credits:

4.00

Description:

Using the current Boston theatre season as its syllabus, this writing- and analysis-intensive course will explore several plays in production at some of Boston's many professional theatres. We will study the script of four to five plays before attending performances of those works. Students will gain insights on the world of theatre through backstage tours and conversations with theatre professionals such as producers, directors, actors, designers, playwrights, and critics. Students must be available for evening (usually Wednesday) performances. A fee for student-rate tickets will be assessed.

Type:

Honors

- **SF-H178 Sacred Hoops & Sneaker Pimps: Understanding the American Hoop Dream**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This course is about the basketball hoop dream played out at the high school and college levels. We will study a wide variety of materials - novels, films, websites, reference works - to understand both the construction, and destruction, of the hoop dream in such diverse places as New York City, Seattle, rural Indiana, suburban Georgia, and the Wind River Reservation in Wyoming. Issues of race and culture will serve as guiding themes as we develop critical theory explaining why the hoop dream has persisted, and adapted, over time, to fit the needs of its believers and supporters.

Type:

Honors

- **SF-H182 Heroes, Antiheroes and Outsiders: Reading the Graphic Novel**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

How is it that comics", a genre often viewed as entertainment for children and adolescents, has become one of the most exciting forms of narrative and visual art? To answer this question, this seminar will examine a range of graphic novels, from those that celebrate their origins in superhero comics, such as Alan Moore's Watchmen, to those that treat subjects not usually considered proper to the comics genre, such as Art Spiegelman's Maus, about the Holocaust, and Alison Bechdel's Fun Home, about the complexities of sexual identity. As we read these works, we will look at how the combination of words and still images makes the graphic novel a unique storytelling form, as well as how artists and writers push the envelope to create new styles and challenge our expectations. In addition to class discussions and writing assignments, we will take a field trip to the Museum of Fine Arts and create a collaborative group graphic novel step-by-step over the course of the semester (all abilities welcome).

Type:

Honors

- **SF-H197 Sustainability, Energy, and Technology At Suffolk University**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

In this project and team-based course, students study a sustainability problem at Suffolk University and spend the semester developing proposals to address the problem. At the end of the course students will present their proposals to Suffolk University's sustainability committee, and will exhibit their websites and visual aids in the Donahue lobby to educate the Suffolk community about sustainability. If their proposals are well-researched and well-communicated, students can see their ideas actualized while they are still undergraduates.

- **SF-H1134 The Meaning of Life**

Prerequisites:

CAS honors students only.

Credits:

4.00

Description:

What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? This award-winning course offers a cross-cultural, interdisciplinary exploration of these questions through philosophical and religious texts, art, fiction, autobiography, and psychological studies. The course opens with the Old Testament's book of Ecclesiastes, followed by three units: 1) A Life Worth Living: Humanity's Ideals focuses on the ancient and modern visions of human flourishing; 2) Threats to Meaning: Humanity's Discontents, discusses the disillusionments leading to the loss of meaning; and 3) Recovery of Meaning: Crises and Hopes, explores the post-crisis possibilities of self-discovery and growth. Please visit <http://meaningoflife.cherkasova.org/>

Type:

Honors

- **SF-H1135 Women Warriors: Stories of Captivity, Conversion, and Confession**

Credits:

4.00

Description:

Since the beginning of time, women have been doing battle to themselves, while men have gone to battle against others. Whether it is through converting to Christ, yielding to captors in order to survive, or carrying a baby, this course introduces students to the many ways in which, whatever battles they face, women are warriors; they survive. Utilizing an array of captivity, conversion, and confession narratives by women, and pairing them across the centuries, students will make connections and draw conclusions between early-and mid-19th-century-American and contemporary women. Students will connect, for example, the trials of the 17th-century Puritan captive, Mary Rowlandson, and contemporary hostage, Elizabeth Smart, to explore how women (no matter how different they seem) draw upon unique inner resources to survive.

Type:

Honors

- **SF-H1146 Fido the Friendly Wolf: A Natural History of Dogs**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This course explores the evolution of dogs from wolves and the ways in which dogs have adapted to their niche in human society. The ecology, behavior, genetics, and adaptations of dogs will be explored in relation to both their wolf ancestry and artificial selection by humans. The course includes 2 mandatory field trips to a wolf sanctuary and an animal shelter.

Type:

Honors

- **SF-H1148 Brave New Worlds**

Prerequisites:

Restricted to CAS Honors students

Credits:

4.00

Description:

Explores themes of adventure, self-discovery, exile, and culture shock in classic and contemporary travel writing (including fiction, poetry, and non-fiction) as well as film. Students will experiment with creative writing of their own, develop theories of cosmopolitan world citizenship, travel through the city of Boston on field trips, and team up to learn about different countries in Suffolk's global network of study abroad programs.

Type:

Honors

- **SF-H1152 The Idea of America: Past, Present, Future**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. The course will also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. Because this course intends to apply theoretical understanding to real life, students will be expected to read contemporary journalism on a regular basis and assess the controversies of today in the light of the nation's philosophical and historical currents.

Type:

Honors

- **SF-H1161 The Playwright and the Stage**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This writing and script analysis intensive course will explore plays across a range periods and styles. The scripts of five plays will be studied and we will attend performances of two of those works at professional theatres in Boston. Other activities will range from a backstage tour to conversations with theatre professionals such as producers, directors, actors, designers, playwrights and critics, in order to lift the script off the page and provide a living experience of theatre. Requires students to be available for evening (usually Wednesday) performances. A fee for tickets at student rates will be assessed.

Type:

Honors

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Core Requirements may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



2017-2018 Archived Catalog Information

Bachelor of Science Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BS degree programs require the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

First-Year Writing: 2 courses, 8 credits

- **WRI-101 First Year Writing I**

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- **WRI-102 First Year Writing II**

Prerequisites:

WRI-101 or ENG-099 with at least a B and ENG-P099 with a P or WRI-H103

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

A student may be assigned to other writing courses or may be invited to take WRI-H103. Students required to complete ENG-099 may be allowed to waive WRI-101 with a grade of “B” or better and the approval of the English department. Students who are invited to complete WRI-H103 and earn a “B” or better satisfy the two Writing Requirements. Waiving a course does not earn credits.

- **WRI-H103 Advanced First Year Writing**

Prerequisites:

By Invitation Only.

Credits:

4.00

Description:

This course is by invitation only and reserved for incoming Suffolk students with high admission scores. Advanced study and practice of writing process, revision, and research, based on close readings of a variety of texts. Fall semester only.

Type:

Honors

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Core Requirements may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



2017-2018 Archived Catalog Information

Bachelor of Science Degree

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All BS degree programs require the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Creativity & Innovation: 1 course, 3 credits

Choose one Creativity & Innovation course from those listed below:

- **ADF-S171 CI: Integrated Studio 1**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

Type:

Creativity and Innovation, Arts Admin Minor Elective

- **ADF-S172 CI: Integrated Studio II**

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

Type:

Creativity and Innovation

- **CI-000 CI Place Holder**

Credits:

0.00

Description:

Place holder for rooming purposes.

- **CI-101 Process and Epiphany**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Despite its mystical connotations, creative epiphany is the result of a long engagement with the creative process that results in a surprising and unpredictable understanding of a concept or the solution to a problem. In the way that the discoveries of science are guided by the scientific method, the path to creative innovation is through a directed creative process. All creative innovators follow such a directed creative process, whether they are industrial designers or fine artists, performers or inventors, architects or entrepreneurs. This course explores both historical examples of individuals whose creative innovation changed the world, as well as hands-on collaborative, practical problem solving employing the creative process.

Type:

Creativity and Innovation

- **CI-H101 Honors- Process and Epiphany**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Despite its mystical connotations, creative epiphany is the result of a long engagement with the creative process that results in a surprising and unpredictable understanding of a concept or the solution to a problem. In the way that the discoveries of science are guided by the scientific method, the path to creative innovation is through a directed creative process. All creative innovators follow such a directed creative process, whether they are industrial designers or fine artists, performers or inventors, architects or entrepreneurs. This course explores both historical examples of individuals whose creative innovation changed the world, as well as hands-on collaborative, practical problem solving employing the creative process.

Type:

Creativity and Innovation, Honors

• CI-102 The End of Global Poverty

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. More than one-third of our global population lives in poverty, earning less than two dollars a day. Governments, businesses, social enterprises, and charitable organizations have tried to solve the global poverty issue with mixed results. What is the solution? Is entrepreneurship the solution, part of the solution, or has no impact whatsoever? In this course, you will gain an understanding of the power of entrepreneurship (in the context of creativity and innovation), the definition and depth of global poverty (in the context of constraints, such as human, financial and physical resources embedded in local, regional, national and global cultures), and successes and failures of past initiatives to reduce poverty. This is not a course about politics or business, but rather finding a solution to a problem that has eluded mankind since the beginning of time.

Type:

Creativity and Innovation

• CI-H102 The End of Global Poverty

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. More than one-third of our global population lives in poverty, earning less than two dollars a day. Governments, businesses, social enterprises, and charitable organizations have tried to solve the global poverty issue with mixed results. What is the solution? Is entrepreneurship the solution, part of the solution, or has no impact whatsoever? In this course, you will gain an understanding of the power of entrepreneurship (in the context of creativity and innovation), the definition and depth of global poverty (in the context of constraints, such as human, financial and physical resources embedded in local, regional, national and global cultures), and successes and failures of past initiatives to reduce poverty. This is not a course about politics or business, but rather finding a solution to a problem that has eluded mankind since the beginning of time.

Type:

Creativity and Innovation, Honors

• CI-103 Making Inventions: Sticking Your Neck Out

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course examines cutting edge technologies, the science behind them, and their practical application and follow-up success or failure. It also provides the students a chance to consider the relevance of identified needed inventions from the 1950s, and whether those projections were correct. The history behind some remarkable inventions will be presented. Finally, working in small teams, students will brainstorm to identify something useful to invent and determine several approaches to implementing it.

Type:

Creativity and Innovation

- **CI-104 Historic Mentors: Biographies of the Creative and Innovative**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course introduces students to creative and innovative practices as a disciplined approach to problem-solving. Students are presented with diverse individuals and environments, thoughts and actions, challenges and opportunities, approaches and alternatives, successes and failures, and ethical behavior--all within the context of historical biographies of inventors, entrepreneurs, artists, musicians, writers, politicians, leaders- nationally and globally. Mentoring is becoming a lost art form. However, it is crucial for passing down the best of our civilization. This course offers a vicarious mentoring that enables students to critically learn from and assess the experience of others in a vast array of contexts. Thus, students are presented with a cross-section of role models for creative, innovative and ethical success.

Type:

Creativity and Innovation

- **CI-106 Failing Successfully**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. Did you know Netscape was the internet browser? What about MySpace, arguably the Facebook of the last decade? What led Apple from being innovative pioneers of the 70's to the verge of extinction in the 80's to the technological giant they are today? Technologies come and go, but what leads to organizations lasting more than 100 years such as IBM, General Electric, etc.? What role does failure play in successful innovation, decision-making, and business viability? In this course, you will learn about innovation that may have been successful and well-executed. You will also learn about innovation that was a viable business opportunity, but poorly executed: one phase of failure. In addition, you will learn about innovation that had no real market viability, but was launched anyway: another phase of failure. Can failure lead to success? If so, how?

Type:

Creativity and Innovation

• CI-H106 Failing Successfully

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. Did you know Netscape was the internet browser? What about MySpace, arguably the Facebook of the last decade? What led Apple from being innovative pioneers of the 70's to the verge of extinction in the 80's to the technological giant they are today? Technologies come and go, but what leads to organizations lasting more than 100 years such as IBM, General Electric, etc.? What role does failure

play in successful innovation, decision-making, and business viability? In this course, you will learn about innovation that may have been successful and well-executed. You will also learn about innovation that was a viable business opportunity, but poorly executed: one phase of failure. In addition, you will learn about innovation that had no real market viability, but was launched anyway: another phase of failure. Can failure lead to success? If so, how?

Type:

Creativity and Innovation, Honors

• CI-107 Going Up: Skyscraper Design in Emerging Economies

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The human population is expected to be between 8.5 and 9 billion persons by the mid-21st century. The majority of those individuals will be living in urban communities. With large populations, high real estate costs, and limited land areas, the only way to construct in urban environments is to go up! In this course, students will have an opportunity to look at traditional and novel skyscraper designs, to consider the cultural and economic significance of such structures, and to use their imagination to develop a conceptual design of a skyscraper.

Type:

Creativity and Innovation

• CI-108 Designing the Next Best Thing

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Demystifies the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking.

Term:

Offered Both Fall and Spring

Type:

Creativity and Innovation

- **CI-109 Virtual Globe Trekking: an Alternate View of the World**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will examine creativity and innovation through the lens of place. Modern geography is an all-encompassing discipline that seeks to understand the earth and all of its human and natural complexities - not merely where objects are, but how they have changed and come to be. The world is filled with ideas and perspectives. By changing your location, new perspectives emerge. This course will focus on the creative process to understand that each person creates in their own way. The students will test many methods to draw forth creative thought and seek to identify their own best method for calling on their own inner genius. Often this will involve failure and mixed results, yet this is where the students will learn their strengths and weaknesses.

Type:

Creativity and Innovation

- **CI-110 The Entrepreneur's Cocktail**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

How do you and your story drive business? This course takes an innovative look at human creativity and entrepreneurship. As an entrepreneur needs perseverance and high motivation, we will explore the importance of values, risk taking, problem solving, and the discovery of the market opportunities. In order for you to be creative and essentially create successful ventures, you will discover the nuances between the three factors and explore them further through interactive discussion and debate as well as collaborative group work. You will be encouraged to think in non-conforming ways and apply new concepts and develop your own personal operating principles.

Type:

Creativity and Innovation

• CI-111 The Future of Boston

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course introduces students to creative and innovative thinking based in the field of communication. Students will work in teams to wrestle with the challenges Boston will face in the future and propose feasible strategies to meet them.

Type:

Creativity and Innovation

• CI-112 Creating Problems: a New Solution for Sustainability

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

As the majority of the world population now lives in cities, for the first time in human history, issues of urban sustainability have become more complex and more important than ever before. Presented with case studies of urban efforts to gain a sustainability foothold, students will utilize ideation, critical thinking, and strategic decision making to both identify root problems and to present solutions. This course will lean heavily on ideation processes, teamwork, and logical methods of analysis to pursue actionable solutions for significant problems. The methods of problem identification and solution analysis learned in this class will be readily adaptable to many complex problems, helping the students to make informed and decisive determinations in their careers.

Type:

Creativity and Innovation

• CI-113 Revising Reality

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Reality and perception have been debated and discussed for millennia. Humans see and experience their world in different ways. How do humans determine what is true and good and what advancements are necessary? In this course, students will creatively explore these big questions and revisit knowledge using new and sometimes divergent perspectives. Students will participate in dirty and courageous learning by crafting products,

creating visual projects, and coming into original thought via trial and error. Students will also develop their analytical and critical thinking skills, while learning to communicate effectively and honestly.

Type:

Creativity and Innovation

• CI-114 Creating the Dream Team

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Every successful venture today is based on effective teamwork. Unlike a typical lecture format, Creating the Dream Team is a course that utilizes experiential group learning to provide students with pivotal team-building skills. These essential skills are vital for everyone's future success in the business world. As team players, students are challenged to think creatively. A collaborative problem-solving process is used to analyze real life business situations. Teamwork involves research, data collection and information analysis to develop creative solutions to typical business problems. Teams will utilize multi-media tools to present their innovative ideas. Classmates will provide peer feedback and review. Through iterations, all students will assume roles as project leaders, keynote speakers and collaborators on a series of Team Challenges. Upon successful completion of this course, all students will have formed working dream teams. As reinforcement and final evaluation, Dream Teams are required to create a multi-media Capstone Event as a course performance measure. This capstone presentation will showcase all of their newly acquired dream team-player skills.

Type:

Creativity and Innovation

• CI-115 Poetry Out Loud

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Students will develop a deep understanding of two seminal books of 20th century poetry and other key 20th century poems as they plan and execute small-group, end of semester reading performances. Students will write creative response poems to increase their understanding of the texts, and through cooperative decision making strategize effective ways to present their own poems and poems by Bishop or Frost. The class format will foster direct spoken engagement with matters of sound, rhythm, tone, and meaning. Final reading aloud performances will be recorded and added to the Suffolk University Poetry Center Archive.

Type:

Creativity and Innovation

• CI-117 Writing for Stage and Screen

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will engage students in the process of script writing. Working in groups of four or five they will craft adaptations of stories, create original scenes, or review sketches. By the end of the semester they will produce a complete script. Each alternating week, one group will serve as the executive committee that will approve the final draft of the script of the week. There will be exams based on the textual study of collaborative and adaptation techniques.

Type:

Creativity and Innovation

• CI-119 Theatre at Work

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Theatre at Work is an introduction to creative practice using live performance as a problem solving tool in an educational environment. Specifically, students will create a performance piece in response to an issue they have uncovered in collaboration with select groups of students in a host Boston Public School. There will be a special focus on normalizing risk-taking and the learning that comes from false starts and failed ideas. Students will be responsible for creating every aspect of their performance testing its feasibility on a limited budget, ensuring that the content meets established criteria, and successfully implementing and evaluating their success both with their peers and their audience.

Type:

Creativity and Innovation, Local Engagement Experience

• CI-H119 Theatre at Work

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

Theatre at Work is an introduction to creative practice using live performance as a problem solving tool in an educational environment. Specifically, students will create a performance piece in response to an issue they have uncovered in collaboration with select groups of students in a host Boston Public School. There will be a special focus on normalizing risk-taking and the learning that comes from false starts and failed ideas. Students will be responsible for creating every aspect of their performance testing its feasibility on a limited budget, ensuring that the content meets established criteria, and successfully implementing and evaluating their success both with their peers and their audience.

Type:

- **CI-121 Catastrophe Management: From 9/11 to the Boston Marathon Bombings**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will introduce students to the exciting world of emergency management from the perspective of scientists who are often utilized as experts during both small scale adverse events and large scale catastrophes. Students will actively and creatively explore the psychological, economic, and medical dimensions of these events and participate in role play in the classroom and site visits. By the end of the course, students will have a keen appreciation of emergency planning and management on the local and national levels.

Type:

Creativity and Innovation

- **CI-123 Comics & Co.**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Using visual narrative as the means of exploration, students will be led through a series of exercises that challenge their assumptions, broaden their perspectives, and excite their imagination. The relationship between critical, creative and inventive thinking will be the basis for individual and collaborative projects.

Type:

Creativity and Innovation

- **CI-125 Boston's Creative History in Perspective**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Our collective social consciousness is formed by physical space; through a mixture of exploration, discovery, and making, students will delve into the city that surrounds them, developing a sense of ownership and engagement in Boston's public space. During the course of the semester, students will uncover the ways that art and architecture have shaped the souls of cities around the world, using Boston as a template. In a series of local field trips, students will explore Boston through its art and architecture, focusing not only what is, but on what might have been -- designs that were ultimately unrealized. Through interview and visits with local artists and designers, students will also learn about the process of shaping public space, uncovering the myriad of ways that design decisions are political in nature. As a capstone to the course, students will create their own city plan -- identifying and researching a chosen social or physical challenge the city faces, then developing a proposal that would address their chosen issue. These design proposals will then be enacted using augmented reality. Like a layer of invisible ink, these projects will form a phantom city over the physical realities that surround us, displaying the dramatic potential of the imagination.

Type:

Creativity and Innovation

- **CI-127 Visual Perspectives: Coastline, Symmetries and Illusions**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

How do you measure the length of a coastline? How much symmetry is possible? What is an impossible object? How did the Mayans measure proportions? In this course, students will delve into these and other questions with a visual theme. While some will be clear-cut, others will be open-ended and require some choices, estimates or assumptions to be made. Throughout, the emphasis will be on creative problem solving.

Type:

Creativity and Innovation

• CI-129 Elements of Attraction- Supply and Demand

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The intent of this course is for students to examine and effectively express in writing their ideas on creativity and to inspire undergraduate students to exceed their current levels of learning. Students will learn to meaningfully integrate course content into long term-retained useful skills through applied creative collaborations. This course is based on the idea that exposure and insight development will enable students to better visualize themselves in their desired fields and make informed choices within the variety of options available to them. The focus of the course will help students to assess their personal interests and strengths as they plan for their own educational and professional futures.

Type:

Creativity and Innovation

• CI-131 Off to the Future: Leadership Through Compromise

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Some past political issues were resolved with great success (the Compromise of 1820), and some resulted in great failures (the US Civil War). In this course, students will study noteworthy political dilemmas of the past, identify the major problem solvers and examine the art of compromise. These investigations will provide guidance and inspiration for students to develop innovative and creative solutions to present day political problems such as climate change, immigration, Social Security, income distribution, higher education affordability, and homelessness. Students will work in teams and propose creative and innovative solutions that will convince the affected interest groups favorably, represented by teams of other students in the class, and result in compromises solving tomorrow's problems today.

Type:

Creativity and Innovation

- **CI-H133 Franklin and the American Experiment**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

What made Benjamin Franklin such a creative force in American history? We will explore the many facets of Franklin's life (printer, writer, scientist, statesman) and learn about Benjamin Franklin's political and diplomatic ventures, and will recreate some of his scientific experiments.

Type:

Creativity and Innovation, Honors

- **CI-135 The Design of Everything**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will explore a selection of the genius personalities and their creative work in 5 distinct areas of human creative endeavor; art, science, nature, technology and the built environment. The course explores the underlying similarities in the process of their discovery, invention and creativity across the disciplines. Studying such names as Newton, Warhol, Hawking, Jobs, Gaudi and Banksy, students will uncover the process of design through research, analysis, synthesis, iteration and error. In class group projects will allow a hands-on opportunity to create.

Type:

Creativity and Innovation

• CI-137 Re-write for Rights: Drafting a New US Constitution

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The American Constitution is an important document, framing the basis for our lives and the lives of our neighbors. Yet it is also a very old document, which may be seen as lacking when it is compared to newer constitutions from around the world, even places that we may regard as undeveloped. In this class we will study many constitutions and also talk to many people to craft a new constitution that reflects contemporary American society and its values.

Type:

Creativity and Innovation

• CI-H139 Creating, Promoting, and Participating in the Literary Arts

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. CAS and SBS honors students or GPA of 3.5 or above only.

Credits:

3.00

Description:

With the launch of Boston's new Literary Cultural District, we have renewed cause to celebrate the history and industry of literature in our city. This course will immerse students in the world of literary culture and its many branches: writing, editing, reviewing, and publicity. Students will practice the art of creative writing, and learn how writers find publishing venues, how authors build platforms for their work, and how literature reaches the public through readings, social media, book trailers and other marketing campaigns, authors interviews, and reader reviews. Various industry professionals, authors, editors and publicists will speak to the class about the artistic and business opportunities, trends, and futures of literature and literary publishing. Students will apply their knowledge and interests to a variety of projects, including book reviews, author interviews, social media campaigns, literary events, and other collaborative projects. We will also work as a class to launch a new digital literary journal at Suffolk.

Type:

Creativity and Innovation, Honors

• CI-141 Science = Creativity

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is focusing on the creative process by introducing students to creative practice as a disciplined approach to problem solving and innovation requiring research, persistence and grit. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in

original ways, embrace ambiguity and support divergent thinking and risk taking. The course will have an undertone based on science, but it is suitable for non-science majors too!

Type:

Creativity and Innovation

- **CI-143 Dreams, Demons, and Dynamic Artists Creative Nature**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

What motivates your creative nature? This course will explore converging themes in Art and Psychology in order to give students the tools they need to unblock their creative potential. Collaborative small team activities, assigned readings, large group discussions, and personal reflection exercises will provide an avenue for students to explore their own creative patterns and how they are influenced by, and perceived within, the world around them. Dreams, mental illness and psychosocial theories of self will also be widely discussed in order to give students context for this inter/intrapersonal exploration.

Type:

Creativity and Innovation

- **CI-145 Living and Laughing**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This is a course about laughing and living. While it sounds fun, it can also be complex, confusing, complicated, and convoluted. Laughter and humor are also very personal. The things that make you laugh are rooted in family, culture, and personality. We are going to spend the semester getting to know ourselves and each other in an attempt to understand more about why we enjoy what we enjoy.

Type:

Creativity and Innovation

- **CI-147 Seeing Double, Printmaking, the Art of Discovery, Experimentation and Process**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Always wanted to explore a creative side but never had the opportunity to take an art class? Here's your chance! Sync the power of icons/ images with ideas and making. We will use cellphone and printmaking technologies in a workshop style environment. Rather than a lecture based class, this class we will play, learn and build new Neurological pathways towards creative thinking. Come to every class excited to learn, make and discover. This course will give you the building blocks for innovative thinking beyond the classroom. Power is in the image. As in the way a dream can grip you, images carry incredible amount of influence and creative potential, when they are seen. Glimpses of these images circulate in media, movies, cell phones, and so on. Learn to develop your own images and understand the broad world of images of human culture.

Type:

Creativity and Innovation

- **CI-149 SL-Creative Writing and Literacy**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

In this course, students meet community needs by engaging in service-learning outside the classroom. This course will explore the value of creativity and play in developing reading and writing skills and the habits of lifelong learning, both in our own lives and in the lives of young people in Boston. In this course, we will work closely with the non-profit literacy organization 826 Boston, which works with students ages 6-18 on reading and writing skills through playful, creative workshops, as well as tutoring and other kinds of support. Students will learn about the work of 826 Boston by volunteering with the organization, and by the end of the semester you will conceive, plan, and run creative writing workshops of your own at 826 Boston.

Type:

Creativity and Innovation,Service Learning

• CI-H149 SL-Creative Writing and Literacy

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. This course will explore the value of creativity and play in developing reading and writing skills and the habits of lifelong learning, both in our own lives and in the lives of young people in Boston. In this course, we will work closely with the non-profit literacy organization 826 Boston, which works with students ages 6-18 on reading and writing skills through playful, creative workshops, as well as tutoring and other kinds of support. Students will learn about the work of 826 Boston by volunteering with the organization, and by the end of the semester you will conceive, plan, and run creative writing workshops of your own at 826 Boston.

Type:

Creativity and Innovation,Honors,Service Learning

• CI-151 Finding Your Creative Voice

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Schools and workplaces are becoming increasingly demanding and competitive, relying on unique ideas to continue innovation. Where do fresh ideas come from? This class will provide students with the tools they need to find creativity within themselves, and set them apart in the competitive arena. Students will explore who they really are at their core, identify their innermost thoughts and feelings, and uncover their creative identity while having fun! They will also learn to communicate, or share their creative voice clearly and honestly.

Type:

Creativity and Innovation

• CI-153 Branding and Visual Identity

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

A brand may be a product, service, an organization, or a person, and at the core of every brand is a visual identity. A brand's visual identity is its strategically planned and purposeful presentation of itself. It is manifest in the brand's name, logo, tagline (slogan), color palette and other sensory elements (visual, aural, olfactory and tactile) that identity that brand and make it unique. This course will focus on analyzing the success and failure of brand's visual identities as a way of teaching students how to brainstorm and develop a new visual identity from concept through execution. The focus in this course will be on applying creative thinking to create a cohesive and meaningful visual identity.

Type:

Creativity and Innovation

- CI-155 Improvising for Everyone, Everywhere

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Improv Comedy has become the cornerstone training of movies and television for the past 20 years. More recently, Corporate America has begun to recognize the importance of the skills improv teaches - agreement, listening, moving forward as a group and out-of-the-box thinking. This course immerses students in improv theatre exercises to apply not for performance, but to shed light on how to collaborate with others. Students will be required to actively participate in exercises in class, experiencing the benefits and takeaways first-hand. Students will be able to connect these exercises with the theories of creativity presented in text books and use both to create a final presentation piece. By the end of the semester, students will understand how to recognize and foster creative thinking to solve problems leveraging the power of a group. Students will gain confidence with presenting new ideas and responding to other student's ideas, understanding how to create and maintain relationships as part of an ensemble that encourages and values ideas.

Type:

Creativity and Innovation

- CI-157 Mindful Journal

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

To keep a journal is to make an investment, often long before we understand the value. A journal is a personal database of snapshots in time, good ideas and bad, observational doodles and unfiltered emotions. On any given page a journal may appear inconsequential but within the rigor of filling a whole notebook (and another, and another) an individual viewpoint emerges. This class will facilitate a student's ability to draw from his or her own lived experience and discover unique springboards into universal issues by making mindful connections. An entire lifetime of images, stories and details resides within each of our minds but the ability to explore that richness requires dedication to documentation. Mindful Journal is a process class fostering focus through mindfulness practices, content generation and meaning making.

Type:

Creativity and Innovation

• CI-159 Building a Better T

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

If any set of problems could use creative and innovative thinking, it's the myriad of problems facing the T. The Boston Globe is filled with stories about financial and organizational problems in the system, and you only have to spend a few minutes on the green line to feel the effects of those issues. Still, millions depend on it every day - it is the circulatory system of our city, and it is more than a way to get around: the T increases accessibility and functions as a democratizing force. That is, when it's running. In this class we will study the MBTA and other mass transit systems in order to propose creative solutions to the T's most pressing problems. We will read articles about the T and other transit systems, we will look at interactive maps that express different kinds of data, and we will visit local stations. In addition, we will study the process of creative thinking, in order to apply those skills to the issues at hand. You will be asked to create both stand-alone short writing assignments and visual representations of your ideas, accompanied by short, written explanations, both alone and in group projects.

Type:

Creativity and Innovation

• CI-161 Making History: Public Memory in the Digital Age

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

You live in Boston now. At least for a while. Perhaps you've noticed that it has its own ways of remembering things. Consider The Boston Literary District, The Freedom Trail, and all the many events and festivals devoted to history, culture, and identity. From guided tours and colonial cosplay to images and written texts to monuments, memorials, and museums, this city tells stories about itself today in the ways it tells stories about its past. In this class, you're going to tell more stories about Boston. You're going to help it find other things to remember, and other ways of remembering them. You'll likely need to focus on parts of the real events that Boston doesn't prefer to include in its stories, emphasizing issues of race, socioeconomic class, nationality, colonialism, gender, sexuality, and other stories of unequal power and how that manifests in real people's lives and in the culture of this city.

Type:

Creativity and Innovation

• CI-H161 Making History: Public Memory in the Digital Age

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

You live in Boston now. At least for a while. Perhaps you've noticed that it has its own ways of remembering things. Consider The Boston Literary District, The Freedom Trail, and all the many events and festivals devoted to history, culture, and identity. From guided tours and colonial cosplay to images and written texts to monuments, memorials, and museums, this city tells stories about itself today in the ways it tells stories about its past. In this class, you're going to tell more stories about Boston. You're going to help it find other things to remember, and other ways of remembering them. You'll likely need to focus on parts of the real events that Boston doesn't prefer to include in its stories, emphasizing issues of race, socioeconomic class, nationality, colonialism, gender, sexuality, and other stories of unequal power and how that manifests in real people's lives and in the culture of this city.

Type:

Creativity and Innovation, Honors

- **CI-163 A Course on Skepticism and Rationality**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Magician James The Amazing Randi reminds us that No matter how smart or how well educated you are, you can be deceived. In an age fraught with deception and misinformation, students need tactics and strategies in order to separate truth from falsity. This course encourages its participants to act as skeptics - not cynics, necessarily - by requiring evidence and proof before believing or accepting claims. Students are urged to identify the most-likely-to occur opportunities for deception in their major fields and draw from the tenets of classical rhetoric, logic, and the scientific method in order to develop safeguards. Frequent collaboration with classmates will allow for dynamic solutions to small and large-scale contemporary problems ranging from the personal (e.g. used car prices and avoiding fraud) to the universal(e.g. fake news and God).

Type:

Creativity and Innovation

- **CI-165 Becoming a Zig-Zag Master**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

We will be discovering the process of becoming more creative. The emphasis is on understanding the creative process and applying effective team-working strategies towards a shared goal. Each team will choose a project and develop it during the semester with the goal of improving a product, raising awareness about an issue in a creative way, designing a board game, designing a card game, etc. Inspiration will be drawn from the numerous successful innovators in the Boston area.

Type:

Creativity and Innovation

- **CI-167 Public Health: A Need to Think Outside The Box**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course seeks to make you an innovative public health thinker by examining past campaigns and making the necessary frameshifts to help promote, protect and preserve health of the Suffolk community through the innovative thinking process. Public health activists and designers can have a positive impact on the lives of citizens living in small communities. However, the agreed rules and regulations that make up this policy landscape are created by paradigms which can be constricting. The issues the course addresses will include Suffolk's current plans for reducing carbon emission, behavioral determinants such as alcohol consumption among college students, and improving eating habits on campus. The final project will be peer reviewed and presented to the class. Programs may then be forwarded to university departments for possible integration and implementation.

Type:

Creativity and Innovation

- **CI-204 Prague: Castles to Barbwire**

Prerequisites:

At least 24 credits earned.

Credits:

3.00

Description:

Prague offers students a more recent view into history and will serve as a backdrop to learning Design Thinking. The curriculum will use Czech and Central European cultural features as the inspiration for learning the creative process, skills that can be applied broadly and globally across disciplines. WWII and its fall to Communism left the Czech Republic undamaged. Artists played a vital part in the country's rise to a Republic during the Velvet Revolution. These dissidents, including writers, actors, artists and musicians were innovators who were the catalyst for change. One could say that creative minds changed this country. This course is designed to demystify the creative process by introducing the creative practice as a disciplined approach to problem solving and innovation requiring research. This one-month study abroad experience will offer a more worldly insight to the significance of developing skills where divergent thinking and risk taking are one of many key tools in learning to generate new ideas. Travel fee covers accommodations, transfers, some meals and cultural visits. Airfare and tuition not included.

Type:

Creativity and Innovation, Global Engagement Experience

Note: Students with 30+ transfer credits are exempt from this requirement.

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Core Requirements may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



2017-2018 Archived Catalog Information

Bachelor of Science Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BS degree programs require the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Math: 1 course, 4 credits

Choose one Math course from those listed below:

- **MATH-128 Math for the Modern World**

Prerequisites:

MATH level 2, or Mathshop, or MATH-104

Credits:

4.00

Description:

From the ISBN on a book, to buying a car, from the size of small chips in a cell phone, to the size of the national debt, or just reading a graph in the daily newspaper, mathematics plays an important and vital role in countless areas of life and your future career and courses included. Mathematics is both an art and a tool created by humans. The common bond is a way of thinking and a way of reasoning to describe and solve problems of many types. This course uses the context of modern real life problems to introduce math needed for literacy and problem solving in contemporary life and work. It uses a minimal amount of algebra and focuses on math models, concepts and basic math manipulations. It encourages students to move from anxiety about math, to using formulas well, to thinking critically in the math context to use math to solve problems and pose new problems. Topics include scientific notation, basic financial math, linear, exponential and polynomial models and an introduction to probability. (Formerly Math 132)

- **MATH-130 Topics in Finite Mathematics**

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-132 Math-Art, Tool and Human Side**

Prerequisites:

MATH-000 or appropriate Math Placement Exam score. Course does not fulfill math requirement for SBS majors.

Credits:

4.00

Description:

Mathematics is both an art and a tool. It has been used in many ways in contemporary and ancient society. The common bond is a way of thinking and a way of using reason to solve problems and describe things of all sorts. The course is designed to cultivate an appreciation of the significance of mathematics in daily life and develop students' mathematical reasoning. Topics will vary from section to section. Examples of topics that might be included are: the real meaning of a newspaper graph, methods to tally votes, fair division, routes and networks, consumer mathematics, the 'real' cost of a house, shapes and patterns, fractals, soap film surfaces, prime numbers and encryption, new discoveries in mathematics.

• MATH-134 Calculus for Management & Social Sciences

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

• MATH-164 Calculus 1 Bridge With Trigonometry

Prerequisites:

Permission of Instructor

Credits:

4.00

Description:

This course provides an alternative to MATH 165 (Calculus I) for those students who have taken MATH 134 (Calculus for Management and Social Sciences) but who do not have the trigonometric precalculus prerequisite (such as MATH 121) for MATH 165. In other words, the sequence MATH 134 / MATH 164 serves as an alternative to the sequence MATH 121 / MATH 165, and similarly prepares students to take MATH 166 (Calculus II). The course includes a thorough review of trigonometry and other precalculus topics. Aspects of limits and differentiation which students have already seen in MATH 134 are presented briefly, but in most cases with more emphasis on conceptual understanding, and often illustrated using more complicated examples. New calculus topics (i.e. not covered in MATH 134) include one-sided limits, special trigonometric limits, differentiability, derivatives of trigonometric functions and their inverses, derivatives of general inverse functions, logarithmic and implicit differentiation, related rates, L'Hopital's rule, intermediate values theorem, Rolle's theorem, mean values theorem, Newton's method, and linearization. 4 lecture hours plus 1 recitation session each week. Normally offered in spring.

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Core Requirements may also count toward major if taken at appropriate level.

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- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Social, Cultural, & Global Perspectives: 1 course, 3-4 credits

Choose one SCGP course from those listed below:

- **ADPR-217 Gay and Lesbian Studies**

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social, and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions, and social movements.

Term:

Alternates Fall & Spring

- **ADPR-219 Rhetoric of Protest and Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **ARH-205 Gender, Class and Alterity in Ancient And Medieval Art**

Credits:

4.00

Description:

Explores issues of sexuality, gender, race, and social class in the ancient and medieval worlds. Examines key artworks from ancient Greece, the Roman Empire and medieval Europe within historical, social and cultural contexts.

- **ARH-321 Women, Art & Society**

Credits:

4.00

Description:

Surveys women artists from the sixteenth century to the present and examines new direction in art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

- **AS-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Both Fall and Spring

Type:

Asian Studies, Social & Intellectual HST

- **AS-500 Asian Studies Internship**

Credits:

4.00

Description:

Engages in an internship in a business or non-profit organization that deals with Asia or an Asian American community. Students may complete the internship either in Asia or in the U.S. Students will complete appropriate exercises and reports to document their learning. (1 course, 4-12 credits; can be taken multiple times in different semesters)

Term:

Offered Both Fall and Spring

Type:

Global Engagement Experience

- **BLE-325 Global Business Ethics**

Prerequisites:

BLE-215, PHIL-119, PHIL-120, PHIL-123 or PHIL-127

Credits:

3.00

Description:

Surveys business ethics as they transcend the diverse perspectives of global business. Explores current global ethics standards and values, ethical challenges, controversies, convergence and trends. Students explore famous global business cases through films, websites and independent research. Emphasizes identification and resolution of global business ethical issues within the context of ethical decision-making and sustainability. Analyzes corporate social responsibility ; hence, transforming global business ethics through business.

Type:

Global Engagement Experience

- **BLKST-250 Haiti, Guadalupe and Martinique**

Credits:

4.00

Description:

This course explores the rich intellectual tradition of Haiti, Guadeloupe, and Martinique by considering historical moments linked to colonialism, the abolition of slavery, the representation of gender, departmentalization, and decolonization through essays, films, poems, novels, and short stories by critics and writers from the 19th-21st centuries.

- **CI-204 Prague: Castles to Barbwire**

Prerequisites:

At least 24 credits earned.

Credits:

3.00

Description:

Prague offers students a more recent view into history and will serve as a backdrop to learning Design Thinking. The curriculum will use Czech and Central European cultural features as the inspiration for learning the creative process, skills that can be applied broadly and globally across disciplines. WWII and its fall to Communism left the Czech Republic undamaged. Artists played a vital part in the country's rise to a Republic during the Velvet Revolution. These dissidents, including writers, actors, artists and musicians were innovators who were the catalyst for change. One could say that creative minds changed this country. This course is designed to demystify the creative process by introducing the creative practice as a disciplined approach to problem solving and innovation requiring research. This one-month study abroad experience will offer a more worldly insight to the significance of developing skills where divergent thinking and risk taking are one of many key tools in learning to generate new ideas. Travel fee covers accommodations, transfers, some meals and cultural visits. Airfare and tuition not included.

Type:

Creativity and Innovation, Global Engagement Experience

- **CJN-216 Intercultural Communication**

Credits:

4.00

Description:

An examination of communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures.

Term:

Offered Both Fall and Spring

- **CJN-225 World Cinema**

Credits:

4.00

Description:

An introductory course in film studies with a focus on foreign films. Movies studied include masterpieces of cinema from Europe, Asia, the Middle East, and other nations (Films have subtitles).

Term:

Alternates Fall & Spring

- **CJN-281 Asian Popular Culture**

Credits:

4.00

Description:

Students critically analyze Asian popular culture since the 1980s using a cultural ethnographic approach. Students apply the lenses of gender, identity, globalization, and business strategies to examine pop phenomena such as Korean Wave, Cool Japan, and Cantonese popular music.

Term:

Occasional

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

By examining the film texts of Hong Kong auteurs such as John Woo, Wong Kar-wai, Tsui Hark, Andrew Lau, and Alan Mak, the course examines issues such as film genres, colonization/decolonization, transnational political economy, the Greater Chinese media market, and the diaspora.

Term:

Occasional

- **CJN-301 Documentary Film and the Image of Conflict in the Middle East**

Credits:

4.00

Description:

The course focus is on some of the divisions and conflicts within Israeli society. Students analyze and compare mainstream media discourse to alternative representations in documentary film. Analysis also covers media representation of the Israeli-Palestinian conflict.

Term:

Occasional

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

A critique of the circulation of media goods and ideologies from both a cultural and political/economic perspective. Topics include global Hollywood, the images of Muslim women in transnational media, the information society, and global social movements.

Term:

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Asian Studies

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **ENG-124 Great Books of the World II**

Credits:

4.00

Description:

This course will introduce students to a selection of Great Books from around the world from the 17th century to the 21st, such as Don Quixote (Spain), Madame Bovary (France), The Communist Manifesto (Germany), The Origin of Species (England), War and Peace (Russia), On Dreams (Austria), Night (Hungary), Things Fall Apart (Nigeria), Satyagraha (India), I Am Prepared to Die (South Africa), Saeed the Pessoptomist (Israel), The Rouge of the North (China), and The House of Spirits (Chile). Readings may vary at the discretion of the instructor.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **ENG-135 World Literature in English**

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

- **ENG-362 Asian American Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

Asian Studies

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continues to review grammar, practice speaking, and explore authentic cultural and literary texts in this writing-intensive course. Examines short readings, films, and print media.

Term:

Offered Spring Term

Type:

Modern Language

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

Explores the francophone world through the study of short stories, print media, and film, by engaging with the rich textured and diverse francophone literary canon. Teaches advance notions of French grammar, write compositions, and the art of conversation related to cultural themes.

Term:

Alternates Fall & Spring

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

Masterpieces of French and Francophone Literature in English Translation. Studies works translated into English by major authors from the Middle Ages to the present. Explores drama, fiction, and poetry from many regions of the world: Africa, Western Europe, North America, the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Studies in Literature

- **GVT-208 Politics / Religion**

Credits:

4.00

Description:

This course explores what major religions say about the status and responsibilities of the state and how, in turn, selective states have, in theory and practice, structured the place of religions in political life. Particular attention is given to issues of politics and religion in the United States. Cultural Diversity A

- **GVT-115 Evolution of the Global System**

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

Type:

Human Behavior & Societies

- **GVT-281 Intro to Comparative Politics**

Prerequisites:

GVT 110, GVT 115, and GVT 120 or consent of instructor; Sophomore status or higher

Credits:

4.00

Description:

This course examines various methods of comparing political systems. Institutions such as executive departments, legislatures, court systems and local governmental systems are examined comparatively. It includes analysis of the impact of different economic systems on political/governmental institutions, and on economic circumstances that impact government. It also looks at political socialization both in terms of process and comparative content. An effort is made to include countries from all regions of the world. Normally offered every year.

- **GVT-359 Hockey, International Development & Politics**

Credits:

4.00

Description:

This class examines the way in which national identity, global and regional economics and international development intersect. It uses the professionalization of the sport of hockey and its subsequent spread around the globe as its case. It will look at the rise of the pro game, the way in which it shapes national identity in the Canadian case, the way in which the pro business model has changed in response to broad socio-economic changes in North America and geo-political shifts around the globe, especially in Eastern Europe and the Former Soviet Union.

• GVT-360 Elections and Voting

Credits:

4.00

Description:

How are elections administered in the United States? Do Americans have confidence in the electoral process? Should they? Why or why not? This course will examine elections in the United States in detail -- from how they are funded to how they are administered to how voters behave. Students will have a choice of either serving as poll workers during the November election or organizing and conducting research of potential voters. Students will gain hands-on experience in actual research design, election administration, and non-partisan get-out-the-vote activities. In addition, students will gain a deeper understanding of the relationship between attitudes, opinion, and voting behavior in American politics and institutions. ECR

• GVT-391 Canada: Multicultural Politics

Prerequisites:

GVT 110/120 or Instructor's permission

Credits:

4.00

Description:

This course examines the Canadian model of incorporating diverse communities into its constitutional and political framework, including the founding British North American Act of 1867, the 1982 Constitution Act, and two later attempts at constitutional reform. Canada's role in balancing two official languages, English and French, is discussed, as is its recognition of a First Nations native-governed territory in the Arctic. This course introduces students to the Canadian polity and compares its parliamentary system with the U.S. separation of powers system. Prerequisites: GVT 110, GVT 120 or instructor's consent. Normally offered alternate years. Cultural Diversity B

- **GVT-467 Comparative Social Movements**

Prerequisites:

Junior status

Credits:

4.00

Description:

How do we explain the appearance or absence of social movements? What social or individual factors explain their development and decline? Who joins social movements? Who does not? Why? What ideas or ideals animate those who do participate? What is it like to be part of a social movement? What effect do they or have they had on politics, power and efforts at social change? These are some of the questions that have traditionally shaped debates over social movements, both domestically and internationally. They will form the analytical core of the work in this course. By critically evaluating several competing schools of thought in social movement theory and history we will attempt to highlight the social forces that have, at varying points in times, facilitated, maintained, as well as blocked the development of social movements in the US and beyond.

- **HST-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, the Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Fall Term

- **HST-246 History of Modern Iran**

Credits:

4.00

Description:

Examines the contemporary history of Persia (Iran) from the time of its independence in the beginning of the sixteenth century to the present with special concentration on geographical/historical background; social structure, ethnic, religious, and linguistic diversities; Safavid and Qajar dynasties; Anglo-Russian interventions and occupations; constitutional revolution and reform; centralization, secularization and modernization under Pahlavi dynasty; opposition to westernization and Islamic revolution.

- **HST-247 History of Modern Middle East**

Credits:

4.00

Description:

Explores the broad historical forces, conflicts and major events that have shaped the contemporary nations of the modern Middle East. Topic include: the emergence of the modern Middle East from the empires of the sixteenth and seventeenth centuries; the age of colonialism; the rise of nationalism; socialism, capitalism; the impact of Israeli and Palestinian conflict on the region; oil, the Islamic Revolution in Iran and the rise of Islamic fundamentalist movements; U.S. policy; and Saddam Hussein's Iraq.

Term:

Offered Fall Term

- **HST-251 Modern East Asia**

Credits:

4.00

Description:

China, Japan, and Korea - East Asia's critical players - share many historical influences, but each has a distinct culture, and they competed with each other for much of the twentieth century, proud of their achievements but feeling threatened by their neighbors. Lectures interspersed with movies and documentaries to show how East Asia has developed in the past one-hundred-plus years.

Type:

- **HST-263 Comparative Race Relations**

Credits:

4.00

Description:

Compares and analyzes the history of race and politics in South Africa and the United States from the 17th century to the present. Examines how race as a social and ideological construct influenced and informed political conflicts over land, labor, and social relations in the two countries including slavery, segregation, apartheid, and the struggle to create racial democracies.

Term:

Offered Fall Term

- **HST-268 History of the Mediterranean**

Credits:

4.00

Description:

Explores the history of the Mediterranean from the ancient times to the 20th century, with emphasis on the extraordinary interaction between the rich cultural, ethnic and religious backgrounds of the peoples of Europe, Middle East, and North Africa.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-274 Women in 19TH-CENTURY Europe**

Credits:

4.00

Description:

Explores the condition of European women from 1800 to 1914. Readings focus primarily on women's experiences in France and Great Britain. Topics include: the effects of industrialization on the lives of working-class women; working and middle-class women's negotiation of marriage, work, and family life; the rise of feminism, women's greater participation in the public sphere, and conservative reaction to these changes in women's place in society; women and crime; Victorian ideas about female sexuality; the politics of class and gender in nineteenth-century European society.

Term:

Occasional

- **HST-275 Women in 20TH-CENTURY Europe**

Credits:

4.00

Description:

Examines the changing place of women in European society since 1900. Topics include: women's suffrage and the political advances of the 1920s and 1930s; the revolution in sexual mores, birth control, and the rise of companionate marriage; women and the consumer economy; the anti-woman policies of Fascist Italy and Germany under National Socialism; liberation of women and retrenchment in the Soviet Union; World War II; feminism, sexual liberation, and women's political engagement since the 1960s; and, throughout the twentieth century, women's continuing negotiation of work and family responsibilities.

Term:

Occasional

- **HST-321 History of Islam**

Credits:

4.00

Description:

Presents a coherent account of the origin and history of Islam since its foundation in Arabia in the seventh century A.D. to the present. Analyzes the terms, events, characteristics, developments, movements, and institutions that have been part of the shaping of Islam. Ideological challenges and impact of Islam in the world today from both spiritual and political perspectives are examined.

Term:

Occasional

- **HST-371 U.S. Women's History Colonial to 1865**

Credits:

4.00

Description:

Traces the roles, images and experiences of women in America from colonial times to 1865. Topics include the family, work, religion, education, health care, motherhood, sexuality, social and political activism legal status, labor activism and popular culture. With attention to ethnicity, race, class, age, region of residence, disability and sexual orientation, the course focuses primarily on the everyday lives of ordinary women.

Term:

Offered Fall Term

- **HST-372 U.S. Women's History: 1865-present**

Credits:

4.00

Description:

Examines the social and cultural history of women in the United States from the close of the Civil War to the present. Using not only gender but also race, ethnicity, class, age, disability, region of residence, and sexual orientation as important categories of analysis, this course focuses on women's private and public lives. Topics include the family, work, religion, education, health care, private lives, motherhood, sexuality, social and political activism, legal status, labor activism, and popular culture.

Term:

Offered Spring Term

- **HST-484 History of the Emotions**

Credits:

4.00

Description:

Explores ideas about emotional life from the fields of history, anthropology, sociology, and psychology as well as the evolution of emotion rules and prescriptions, focusing on western Europe and the United States since 1700. In the eighteenth century, emotions were seen as a positive influence on politics and public life, especially during the French Revolution. After the fall of Robespierre, the emotions were banished to the private sphere - so we will read both primary sources and recent scholarship on 19th- and 20th- century ideas about masculinity and femininity, romantic love and marriage, childrearing, and about what parents and children are supposed feel toward each other, how ideas about these subjects have changed over time, and whether our feelings change with them.

Term:

Occasional

- **MUH-223 World Music**

Credits:

4.00

Description:

Covers topics in folk, traditional, and modern music of Africa, the Middle East, Asia, and Europe in the context of the cultures and lives of the indigenous peoples of those regions; examines how music interacts with the issues of race, gender, class, religion, politics, and social movements. Normally offered every other year.

Term:

Occasional

- **P.AD-201 Social Change**

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

- **P.AD-H201 Honors Social Change**

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

Type:

Honors

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

- **PHIL-228 Feminist Philosophy**

Credits:

4.00

Description:

This course is an introduction to the philosophy of feminist thought. Feminist theories of epistemology, metaphysics and morality will be examined as critiques of traditional philosophy,. Feminist perspectives and methodologies include radical, liberal, postmodern, as well as more recent trends in ecofeminism. Special emphasis will be placed on explicit and implicit practices of alienation and exclusion as they have unfolded in the gendering of thought, truth, and reality. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

• PHIL-229 Eco-Feminism

Prerequisites:

PHIL 119, or PHIL 123, or PHIL 127

Credits:

4.00

Description:

Examines the political, social, and ecological problems facing us as a global community. Having its roots in feminist theory and deep-ecology, eco-feminism provides a critical framework for ecological responsibility and accountability. Writings from eco-feminist thinkers and environmental activists around the world will be used to highlight the philosophical and political conflicts and challenges, including globalization and loss of biodiversity, global warming, international human rights, the relationship of gender and nature, and modes of redress for eco-justice and sustainable development.

• PHIL-261 Eastern Philosophy

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered

alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-262 Buddhism**

Credits:

4.00

Description:

An historical survey of Buddhist philosophy. We will explore Buddhist origins, central teachings, devotional and meditational practices, ritual and institutions as developed from classical to modern times. Special attention given to the philosophical diversity of the Buddhist world view. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-265 Women in Spirituality**

Credits:

4.00

Description:

An exploration into the various dimensions and ideologies concerning the role of the feminine in relation to the Divine. Belief systems, myths and archetypes from ancient Goddess worship to 20th century feminist theology will be examined in terms of the philosophical content and psychological

consequences. Special emphasis will be placed on feminist metaphysical structures for understanding consciousness and Reality. Classes will be conducted by means of lectures, primary and secondary texts and class discussions. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **PHIL-267 Chinese Philosophy**

Credits:

4.00

Description:

A survey of the main developments in Chinese Philosophy. The course begins with the early dynastic concept of humanism and then turns to Confucius and Mencius. Having developed the central Confucian doctrines, students next examine the Taoist response to Confucianism in the writings of Lao Tzu and Chuang Tzu. The course then considers Zen Buddhism, which is called Ch'an Buddhism in China, where it originated. In particular, students study the concept of sudden enlightenment before turning to the Neo-Confucian scholars.

Term:

Occasional

- **PSYCH-243 Organizational Psychology**

Prerequisites:

Take PSYCH-114;

Credits:

4.00

Description:

Focuses on diversity concerns in various aspects of the psychology of the workforce. This includes job analysis, recruitment, selection, evaluation, training, retention, and termination. Employee morale, well-being, stress, and hardiness are considered.

- **PSYCH-247 Asian Perspectives on Health and Work**

Credits:

4.00

Description:

Examines theoretical and empirical approaches that provide insight into Asian viewpoints on socialization practices, family systems, health/well-being, cultural traditions/values, and spiritual philosophy/literature. Explores the diversity among Asian cultures in terms of language, history, religion/spiritual faith, and healthcare practices, all of which play a significant role in shaping the psychological characteristics, interpersonal relationships, and work dynamics of Asians and Asian immigrants. Students critically analyze similarities and differences between Asian and Western psychological perspectives of health and work through didactic and experiential learning components. This course fulfills the Cultural Diversity Requirement and may fulfill the Expanded Classroom Requirement. Normally offered alternate years.

Term:

Offered Spring Term

Type:

Asian Studies

- **RS-111 Introduction to World Religions: Western Traditions**

Credits:

4.00

Description:

This course will explore the comparative history and structure of Western religious traditions, broadly understood, and their impact on other world religions, while attempting to recognize the similarities and the differences among them. Traditions to be studied include Greek and Roman religion, the monotheistic faiths (Judaism, Christianity, and Islam, as well as Zoroastrianism, Sikhism and Bahaism). We will also explore the impact of the Western religions on indigenous traditions, such as African religion, Native American religion, and Pacific Island religion. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. 1 term - 4 credits. Normally offered every year.

- **RS-112 Introduction to World Religions: Eastern Traditions**

Credits:

4.00

Description:

This course will examine a variety of Eastern religions, including Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shintoism. Possible connections to be explored will be the impact of these traditions on others, such as Pacific Islands and African religion, as well as the growing place of Eastern religion in the West. This course will explore the history and structure of each tradition, while attempting to recognize the similarities and the differences among them. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. Normally offered every year. Cultural Diversity B

Type:

Asian Studies

• **SIB-550 Global Travel Seminar**

Prerequisites:

Please email Hillary Sabbagh at hsabbagh@suffolk.edu to register for a travel seminar.

Credits:

3.00

Description:

An in-depth analysis of timely special issues in international business. Specific topics are announced when the course is scheduled.

Type:

Global Engagement Experience

• **SF-190 Asia in America Fiction and Fact**

Credits:

4.00

Description:

With a focus on some selected ethnic groups from Asia, Asia in America studies the history and current status of Asian Americans in Boston and other parts of the country. We will examine the major reasons why these immigrants chose to leave their home country as well as their expectations and experiences here in America. We will also discuss the issues Asian immigrants have faced in this adopted home as well as the connections and conflicts among different ethnic groups or even within the same ethnic group due to political and socio-economic reasons. The course will include some level of community engagement, through Chinatown tour and service, which may enable us to have a direct contact with the Asian American population and reflect on what is being discussed in class. Through this course, we hope to gain a better understanding of the racial and cultural history of the country and arrive at a deep appreciation of the dynamics of cultural interactions in the twenty-first century. The course fulfills the SCGP requirement.

Type:

Global Engagement Experience

- **SF-1145 Emergence of Southeast Asia**

Credits:

4.00

Description:

Explores the eleven countries and 600 million people of Southeast Asia starting with foundations- geography and environment- and then looking at the human imprint, in the form of the history, religions, and cultures of the region. An examination of contemporary issues related to demography, politics, and (especially) economics.

- **SOC-227 Race in American Society**

Credits:

4.00

Description:

Despite the election of Barack Obama as President of the United States, race remains one of the most divisive forces in U.S. society. While many of us struggle against racism, racial classification continues to affect where we live, where we work, and how we see ourselves. Racial classification affects our access to health care and our encounters with police officers. Distorted images of racial groups fill television and movie screens. Appeals to racism and fear of foreigners are dominant themes in elections to state and national offices. This course examines the formation and re-formation of racial classifications: how particular groups become racially identified, how these classifications change over time, and how conflicts over race have shaped American society. The meanings of race, as seen from a variety of perspectives, will be a consistent theme throughout the course.

Term:

Occasional

- **SOC-228 Cultural, Global and Social Perspectives**

Credits:

4.00

Description:

Enables students to examine, as well as develop an awareness and appreciation of, diversity within today's society. Providing an overview of the major racial, ethnic, and cultural groups in the U.S., the focus is on the ways in which cultural awareness enhances professional helping relationships and improves the operation of human services systems.

Term:

Occasional

- **SOC-275 Women and Crime**

Credits:

4.00

Description:

This course examines the complex relationships between women and crime today. This focus will include women as criminal offenders; women as victims of crime; and women as both offenders and victims. Course materials draw from recent feminist scholarship on these issues in the social sciences. Topics include the causes of women's crime women, drugs, and crime; child abuse and trauma; prostitution and sex trafficking; race, gender and victimization; and feminist social movements against violence. Crimes of violence against women are a central focus in the course.

Term:

Occasional

- **SOC-329 Sociology of Globalization**

Prerequisites:

Prerequisite: SOC 113 or SOC 116.

Credits:

4.00

Description:

Globalization is shrinking the world. How and why did this happen? This course will explore global change and the global processes which effect key social institutions: culture, the economy and politics. Students will study the processes of globalization and its impact on our lives and people around the globe.

Term:

Occasional

- **SOC-341 International Drug Control Policy**

Credits:

4.00

Description:

Relying on a simplistic demand or supply explanation of why Americans use/abuse drugs obscures the reality of America's drug problem, is ineffective as a guide to public policy and has unforeseen, often negative consequences. Drug use is a complex and multi-faceted issue. There are no easy answers. To comprehend the complexity of America's drug problem one needs an understanding of the geography, history, religion, law, economics and international politics of the Middle and Far East, Eastern Europe, Africa, Mexico, and Central and South America. This class will provide this basic understanding without losing sight that the problem we seek to remedy is our own.

Term:

Offered Spring Term

- **SOC-354 Death and Dying**

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

Modern Language

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

Modern Language

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

- **SPAN-303 Modern and Contemporary Latin America**

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

- **SPAN-315 Spanish for the Professions**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

Integrates language learning with culture via business context of the Hispanic world. Spanish for banking and finance, marketing and advertising, and international commerce are highlighted. Students increase their cross-cultural understanding and written and oral proficiency in business Spanish through a wide range of assignments.

Type:

Global Engagement Experience

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

- **THETR-267 Introduction to Theatre: Contemporary American**

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Social & Intellectual HST

- WGS-H111 Women, History, & Culture

Prerequisites:

At least a 3.3 GPA required.

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Honors

- WGS-113 Women, Science, & Society

Credits:

4.00

Description:

Explores women's lives from the perspective of the social and natural sciences, including examination of recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship in these areas. Topics include: the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women; the female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women.

Term:

- **WGS-115 Introduction to Gender Studies**

Credits:

4.00

Description:

Introduces the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, explores the pervasive influence of gender on the structure of society and our everyday experiences and the role that gender plays in our understanding of love, friendship, sexuality, and even violence. Topics include: biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Social & Intellectual HST

- **WGS-311 Engendering Entertainment: Feminism and Popular Culture**

Credits:

4.00

Description:

Investigates the complex intersections between feminism and popular culture through several different lenses: by exploring how feminists make arguments about popular culture; by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like The Bachelor and Grey's Anatomy; by focusing on a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's Female Chauvinist Pigs, and Caitlin Moran's How to Be a Woman. Along the way we will ask questions about: what makes a work of art feminist; how modern media contributes to or distracts us from a variety of political debates in the realm of female equality and how can we, as individuals, use modern media to create and advance smart, feminist arguments.

Type:

- WGS-315 Feminist Thought

Credits:

4.00

Description:

Investigates how feminists, both today and in history, have understood inequality and difference and looked for the best ways to address these issues and bring about social justice. Examines how feminist theorists help us to understand how gender and other social categories, such as race, class, sexuality, disability, age and nationality, are constructed within and through each other; and analyzes feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory, as well as consider anti-feminist arguments. Readings include classic critical texts by authors including Mary Wollstonecraft, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler.

Type:

Social & Intellectual HST

- WGS-325 Global Women's Fiction

Credits:

4.00

Description:

Explores of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic.

Term:

Occasional

- WGS-335 Queer Narratives

Credits:

4.00

Description:

Explores the stories that help us to understand communities, identities, and bodies that could be considered queer, and the ways that film, music, memoir and fiction have discussed queer as different, unusual, or other. Texts include the documentary, "Paris Is Burning", Frank Ocean's 2012 album, "Channel Orange", and Janet Mock's recent memoir, "Redefining Realness", as well as foundational queer theory from Judith Butler, Eve Kosofsky Sedgwick, and Lee Edelman, among others, to help build a framework for approaching and interpreting both fictional and non-fictional accounts of queer lives.

Type:

Social & Intellectual HST

Courses that fulfill the Creativity and Innovation, Humanities/History, Language, Literature, Quantitative Reasoning, Seminar for Freshmen, Social Science, or VPATH requirements may double count to fulfill the Social, Cultural, and Global Perspectives (SCGP) requirement.

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Core Requirements may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



2017-2018 Archived Catalog Information

Bachelor of Science Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BS degree programs require the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Science, Technology, & Engineering (STE): 2 courses, at least one with a laboratory, 8 credits

Choose two STE (Science, Technology, and Engineering) courses, at least one with a corresponding laboratory, from those listed below. Courses do not need to be in a sequence. In the case of a course that is a lecture plus a lab, the student must complete both components to earn credit for the STE requirement.

Biology:

- **BIO-104 Environmental Biology**

Prerequisites:

BIO 101 and BIO L101, can also be taken concurrently BIO L104 must be taken concurrently

Credits:

3.00

Description:

An introduction to basic evolutionary, behavioral and ecological principles. Readings and discussions emphasize the ways that humans are affected by ecological processes and principles as well as how humans and their technology affect ecosystems. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology. It is intended for non-biology majors as a follow-up to Biology 101. 3 hours lecture. Days Only. Madrid Campus only.

Type:

SCI TECH ENGNR

- **BIO-L104 Environmental Bio Lab**

Prerequisites:

BIO-104 must be taken concurrently

Credits:

1.00

Description:

Exercises and field trips designed to complement and demonstrate the ecological principles developed in the lecture section. The lab emphasizes the scientific method and employs long term group projects. Madrid Campus only.

Type:

- **BIO-105 Humans and the Evolutionary Perspective**

Prerequisites:

Non Science Majors Only

Credits:

4.00

Description:

Major topics include the scientific basis of evolution, the fossil history of vertebrates, evidence of evolution in the human body, and applying an evolutionary perspective to the social interactions and possible futures of humanity. Meets one of the non laboratory science requirements for the non-science major. This reading and writing intensive course is a non-laboratory science option for non-science majors. This course will not fulfill requirement for a major or a minor in Biology.

Term:

Occasional

Type:

SCI TECH ENGR

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Rigorous introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGR

Chemistry:

- **CHEM-105 Chemical New Product Development**

Prerequisites:

ENT 101

Credits:

4.00

Description:

This course addresses the crucial intersection between chemistry and business, and the impact of these fields on society. It provides an introduction to important chemistry concepts and practices of business management. Primary focus is on understanding the chemistry principles behind some of the consumer products in our everyday lives, and using this knowledge to create and evaluate ideas for new products. The course also introduces the business aspects involved in the development and marketing of new products. An important component of the course is in making effective presentations; this component concludes the course, culminating in team presentations of a new chemical product to panel of executives and peers. This course satisfies the Sawyer Business School Science requirement.

Type:

SCI TECH ENGR

- **CHEM-106 Biotechnology & Its Applications in Medicine, Agriculture, Law**

Credits:

4.00

Description:

Introduces the latest discoveries and applications of biotechnology. Topics include genetically modified food, stem cells, genetic testing, cloning, and forensics. A combination of lectures, discussions, short documentaries, mock congressional hearings, and hands-on activities will provide insight into the numerous medical, social, legal, and ethical issues surrounding this technology.

Type:

SCI TECH ENGNR

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **CHEM-L111 General Chemistry Laboratory I**

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

Computer Science:

- **CMPSC-F107 Ants, Rumors and Gridlocks**

Prerequisites:

Math placement level of 2 or above or any MATH course at the level 100 or above

Credits:

4.00

Description:

Do viruses and rumors spread like forest fires? How do ants cooperate? Do spoken languages and biological species evolve in a similar way? Ants, Rumors, and Gridlocks exposes students to introductory aspects of computational science by addressing and answering these and many other questions. Students use and modify virtual experiments preprogrammed in the NetLogo programming language to investigate these topics and others in Social Sciences, Biology, and Environmental Science. No prior knowledge of computer programming or NetLogo is required.

Type:

SCI TECH ENGR

Electrical Engineering:

- **ECE-288 Measuring the World**

Credits:

4.00

Description:

The world is addicted to quantifying the essence of everything, from personal IQ, to the speed of a baseball, to our healthiness, or our chances of winning the lottery. Behind most of these numeric values exists a science of measurement. Some of this is referenced to international standards, such as for length, time, weight, or temperature. Others are more arbitrary and subjective, such as ranking Olympic performance in gymnastics, beauty pageants, or popular responses as found in the game show Family Feud. A third category includes controversial areas, such as measuring whether a person is lying when interrogated, or using hype rather than reality to market products. Sometimes statistics are used to predict sports outcomes, such as in the annual March Madness NCAA basketball brackets. Finally, in a world subject to fraud and deception, it can be essential to distinguish legitimate from counterfeit items, such as in money, art, collectibles, and historical documents. Don't get hoodwinked! This course examines all of these, starting with how measurements have been made throughout history, along with a full deck of entertaining terms used during the ages. This may help you sort out your weight, whether given in pounds, kilos, or stones. Often these terms will provide insights into how people lived in different eras. We will also look at some of the technologies currently available to provide these measurements, and unravel the complexities of various sensors that are used. As we consider the meaning of accuracy we may become less naive about how much confidence to ascribe to the results given us. Hovering around all of these measurements should be the question of validity - are they meaningful, useful, or misleading? And the impact they have on society - whether they steer behavior more powerfully than one might originally suspect. Each student will also be given an opportunity to become an expert in an area of measurement of personal interest. By the end o

Type:

SCI TECH ENGR

Engineering Science:

- **ENS-103 Introduction to Engineering**

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• ENS-L103 Intro to Engineering Lab

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab.

There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

Environmental Science:

- **UES-107 Introduction to Drones**

Prerequisites:

UES-L107

Credits:

3.00

Description:

Unmanned autonomous systems (UAS) or Drones are high-tech, intelligent machines capable of traveling by air, land, or sea via a remote connection. This course presents concepts and practical methods of using Unmanned Vehicles in a professional context, particularly for environmental projects. UAVs are increasingly being used in a professional capacity such as cinematography and filming, real estate, construction, surveying, mapping, agriculture, industrial inspections, utilities inspections and many more. The course covers mission planning, operations, field data collection, data processing, legal implications, data analysis and data deliverables. The course and laboratory will include learning flying micro-drones and preparing to pass the Federal Aviation Administration's Unmanned Aerial Vehicle Airmen (Part 107) exam. The course will have an associated Laboratory component in which students will learn how to properly plan effective flight missions, fly safely and legally, develop risk management strategies, analyze the data captured and convert it into a useful data deliverable.

Type:

SCI TECH ENGNR

- **UES-L107 Introduction to Drones Lab**

Prerequisites:

UES-107

Credits:

1.00

Description:

Unmanned autonomous systems (UAS) or Drones are high-tech, intelligent machines capable of traveling by air, land, or sea via a remote connection. This course presents concepts and practical methods of using Unmanned Vehicles in a professional context, particularly for environmental projects. UAVs are increasingly being used in a professional capacity such as cinematography and filming, real estate, construction, surveying, mapping, agriculture, industrial inspections, utilities inspections and many more. The course covers mission planning, operations, field data collection, data processing, legal implications, data analysis and data deliverables. The course and laboratory will include learning flying micro-drones and preparing to pass the Federal Aviation Administration's Unmanned Aerial Vehicle Airmen (Part 107) exam. The course will have an associated Laboratory component in which students will learn how to properly plan effective flight missions, fly safely and legally, develop risk management strategies, analyze the data captured and convert it into a useful data deliverable.

Type:

SCI TECH ENGR

• UES-111 Environmental Science**Prerequisites:**

Must be taken concurrently with UES-L111

Credits:

3.00

Description:

Applies the fundamentals of science to environmental issues. Topics include population dynamics and resources, environmental degradation, ecosystems, geologic processes, deforestation, biodiversity, climate change, air, soil, and water resource management, and pollution and risks to health.

Term:

Offered Spring Term

Type:

SCI TECH ENGR

- **UES-L111 Environmental Science Lab**

Prerequisites:

Must be taken concurrently with UES-111.

Credits:

1.00

Description:

Laboratory exercises are used to illustrate topics covered in UES 111. Field testing and analysis of environmental samples. Field trips may be required.

Term:

Offered Spring Term

Type:

SCI TECH ENGR

- **UES-121 Science, Art, and the Environment**

Prerequisites:

Take UES-L121 concurrently

Credits:

3.00

Description:

Examines art and cultural objects through the lens of the biological, chemical, and physical principles of the materials and processes we use to make them. Includes consideration of factors important in art conservation. Provides an environmental context for the manufacture and use of art materials

and the preservation of cultural objects.

Type:

SCI TECH ENGR

- **UES-L121 Science, Art, and the Environment Lab**

Prerequisites:

Take UES-121 concurrently

Credits:

1.00

Description:

Provides hands-on work with pigments, dyes, and other art materials using the basic principles of science and technology. Students will conduct laboratory experiments that produce art objects and other consumer products. Instruction in safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables, graphs, and graphics. Practice in synthesizing compounds like paints and finishes and in evaluating methods of art conservation.

Type:

SCI TECH ENGR

- **UES-225 Geographical Information Science**

Prerequisites:

Take UES-L225 concurrently

Credits:

3.00

Description:

Provides the fundamentals of geographic information science (GIS) including the history of automated mapping. A review of the necessary hardware and software elements used in GIS is presented. Hands-on exercises with computerized mapping software are required.

Type:

SCI TECH ENGNR

- **UES-L225 Geographic Information Science Lab**

Prerequisites:

Must be taken concurrently with UES-225

Credits:

1.00

Description:

Required companion computer laboratory to be taken concurrently with UES 225.

Type:

SCI TECH ENGNR

Forensic Science:

- **FS-103 Introduction to Forensic Science**

Prerequisites:

FS-L103

Credits:

3.00

Description:

Application of the principles of forensic science in evaluating physical evidence, with emphasis on its role in criminal investigation. Class experiences may include guest lectures and field trips. 3-hour lecture. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **FS-L103 Introduction to Forensic Science Lab**

Prerequisites:

FS 103 concurrently

Credits:

1.00

Description:

Laboratory experiences related to the collection and analysis of physical evidence as performed by forensic science professionals. Experiments may include forensic microscopy, drug analysis, forensic serology, physical patterns, fingerprint and firearm evidence analysis techniques. 3-hour laboratory. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

Neuroscience:

- **NEUR-101 Intro to Neuroscience**

Credits:

4.00

Description:

Introduces the field of neuroscience, the study of the organization and function of the nervous system of humans and other animals. Neuroscientists examine how individual neurons function as signaling devices, how groups of neurons operate as circuits to produce fundamental units of behavior, and how much larger systems in the brain subserve complex functions such as memory and consciousness. Topics include the neuron and neural transmission, the overall function and organization of the nervous system, the development of the brain, neural plasticity, sleep, memory and other higher cognitive functions. Normally offered alternate years.

Type:

SCI TECH ENGNR

Physics:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or MATH-165 or permission of Physics department chair; PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• **PHYS-151 University Physics I**

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-153 University Physics III**

Prerequisites:

MATH-121, MATH-164 or MATH-165

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGNR

Science:

- **SCI-103 Environmental Science**

Prerequisites:

SCI-L103 must be taken concurrently

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to environmental degradation, ecosystems, geological processes, population dynamics, deforestation and biodiversity, climate change, ozone depletion, air soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• **SCI-L103 Environmental Science Lab**

Prerequisites:

Must take SCI-103 concurrently

Credits:

1.00

Description:

Laboratory exercises to illustrate the topics covered in Science 103. Field-testing and analysis of environmental samples. Field trip required.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

• SCI-111 Introduction to Astronomy

Prerequisites:

MATH-128 or higher and SCI-L111 must be taken concurrently.

Credits:

3.00

Description:

History of Astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors; space programs, science and technology in society. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-L111 Introduction to Astronomy Lab**

Prerequisites:

Take SCI-111 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 111. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-112 Structure of the Universe**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-L112 Structure of the Universe Lab**

Prerequisites:

Take SCI-112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-113 A Habitable Earth Within the Solar System**

Credits:

4.00

Description:

This course introduces non-science majors to concepts that are central to making our planet habitable. It presents Earth in context of the solar system with a broad view of global climate change and energy resources in a quest to better understand the workings our planet. This course on Earth and Planetary Science is suitable for students who may have taken their last science and math course several years ago, or are just curious about knowing facts on major issues that pertain to the future of our planet. Together with a reading component, this course aims to give students a flavor of how researchers think, investigate and develop conclusions that directly affect our political and economic future. Topics covered in this course range from the solar system to the study of search for other habitable Earth-like planets, search for extraterrestrial life, and evolution of life on Earth. Other characteristics of this course are heavy use of audio-visual materials often including computer animations and simulations, in-class experiment demonstration, and intensive use of INTERNET-based resources.

Type:

SCI TECH ENGNR

• SCI-165 Inner Workings of Physics Universe

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

SCI TECH ENGNR

• SCI-171 The Built World: How Humans Engineer Environments

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• SCI-173 Mapping Our World The Power of Digital Maps

Prerequisites:

SCI L173 Must be taken concurrently Knowledge of Windows type Application

Credits:

3.00

Description:

Geographic Information Science (GIS) link information (number of fire hydrants on a block) to features on a map (e.g., a point representing street address) that has a designated geographic location (as designated by global coordinates). Unlike paper maps, GIS software allows the production of interactive maps that allows the user to layer data, to indicate spatial patterns, to analyze trends, and to combine different features of the mapped area in novel ways. For example, a business person may wish to use GIS to determine the optimum location of retail outlet (based on the mapped demographics of a neighborhood), while an environmental engineer may use GIS to describe the location of outfalls to see how they correlate to areas of stream pollution. In this course, students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

- **SCI-L173 Mapping Our World Lab**

Prerequisites:

Must be taken concurrently with SCI-173

Credits:

1.00

Description:

This laboratory illustrates concepts and methods taught in SCI 173. In this lab students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **SCI-181 Science and Life in the 21st Century**

Credits:

4.00

Description:

No longer offered on Boston campus This is a four credit, non-lab, science course that examines the central scientific problems confronting the 21st century. The course studies particular topics and teaches the necessary science around these topics to provide a good understanding of the issues. The topics currently are: Energy, Science and Economic Decisions, Sustainability of Life on Earth, Health and Science.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-184 Contemporary Science and Innovation**

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-201 Physics for Future Presidents**

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGR

- **SCI-210 Earth and Planetary Crystals**

Prerequisites:

Take SCI-L210 concurrently

Credits:

3.00

Description:

This course will provide undergraduate students of various disciplines with an introduction to gems and crystals using interactive, evidence-based teaching approaches. Crystalline forms of matter are critical to our existence. Using innovative teaching strategies of in-class hands-on demonstration, supplemented with visuals of crystal details, the course provides students insights into the formation, alteration and unique properties that make crystals invaluable. Topics range from the study of proteins and nucleic acids to the interior of planets. The in-class lectures will provide a basic guide that will serve as a platform for individually catered in-depth study. Therefore, the course is open to advanced students as well, who can pick up higher level of information for discussion and class projects.

Type:

SCI TECH ENGR

Some Science division courses may have Math or Computer Science prerequisites; many have other Science prerequisites.

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Core Requirements may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



2017-2018 Archived Catalog Information

Bachelor of Science Degree

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All BS degree programs require the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Studies in Literature: 1 course, 4 credits

Choose one Studies in Literature course from those listed below:

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Studies in Literature

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Studies in Literature

- **ENG-130 Introduction to Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-135 World Literature in English**

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-141 Studies in British Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama from the British literary tradition, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-142 Studies in American Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama from the American literary tradition, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-151 Introduction to African-American Literature**

Credits:

4.00

Description:

Literature has the capacity to record and interrogate history in an imaginative and artistic context. African-American literature is a rich, varied, and complex body of literature that faces our tainted history directly. The authors we will read in this class examine slavery's long-term psychological and social effects while forging a literary history that is at once a part of and apart from American literary history more generally.

Type:

Studies in Literature

- **ENG-152 Horror Fiction**

Credits:

4.00

Description:

This course focuses on the reading and analysis of horror literature and the ways in which horror reflects and represents personal and cultural anxieties. Readings will include both classic and contemporary authors, for example, Edgar Allan Poe, H.P. Lovecraft, Shirley Jackson, Stephen King, and others. Assignments will include analytical essays as well as creative writing.

Type:

Studies in Literature

- **ENG-153 Literature of War**

Credits:

4.00

Type:

Studies in Literature

- **ENG-155 Young Adult Literature**

Credits:

4.00

Description:

Young Adult Literature's recent explosion in popularity raises important questions about the stories it tells, the values it promotes, and the audiences it seeks. This course approaches the YA phenomenon as one with deep historical roots as well as contemporary cultural relevance. From nineteenth century classics to current series favorites, literary works focused on young people reframe perennially fresh narratives about coming of age, negotiating personal identity, and navigating a complex moral universe. This course also considers YA literature as part of an evolving network of writers, readers, publishers, critics and filmmakers.

- **ENG-157 Poetry and Religion**

Credits:

4.00

Description:

This course will use close readings to examine poetry as a heightened form of language seeking to make contact with divine sources of faith. We will consider poems that provide examples of the struggle to attain belief, as well as poems that deny belief. Language as both the grammar of ascent and the locus of descent. The position of human beings in relation to God, or the gods, or the absence of the divine.

Type:

Studies in Literature, Classics Minor

- **ENG-161 Writing the American West**

Credits:

4.00

Description:

In 1893, Frederick Jackson Turner famously declared that the American frontier (i.e., the West) had closed for good. To a certain extent, Jackson's proclamation was meant to demarcate the end of the 19th century. But perhaps more importantly, it marks the beginning of a distinctly American literature that began, ironically, by mourning its own demise. In this course, we will journey among some of the more significant signposts and detours that have marked Western U.S. literature in the 20th Century. Along the way, we will question just where, exactly, the West begins and ends (The Mississippi River? The Great Plains? The Rockies?), and think about whether or not Turner's frontier thesis continues to hold true (if it ever did). We will consider whether the broad rubric of The West is adequate to describe the various sub-regions within this portion of the United States, and we'll examine the genres which seem as if they could not have happened anywhere else. We will also interrogate differences in the literature across gender lines: how, if at all, does the literature written by men and by women differ? Above all, we will strive to come away with a deeper understanding of this vitally American, and vitally Wild literary place.

Type:

Studies in Literature

- **ENG-213 English Literature I**

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-214 English Literature II**

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-217 American Literature I**

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-218 American Literature II**

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

Masterpieces of French and Francophone Literature in English Translation. Studies works translated into English by major authors from the Middle Ages to the present. Explores drama, fiction, and poetry from many regions of the world: Africa, Western Europe, North America, the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Studies in Literature

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

Analyzes and discusses canonical works of French literature from medieval times to the eighteenth century.

Term:

Offered Fall Term

Type:

Studies in Literature

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

Study, analyze and discuss canonical works of French-language literature from the nineteenth through the twenty-first centuries, as they relate to important events in the art, culture, and history of the Francophone world.

Term:

Offered Spring Term

Type:

Studies in Literature

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

Explores the theme of love and its manifestation in representative works while being aware of the evolution of French Literature. Addresses various thematics that accompany a traditional survey of literature course such as critical discourse, aesthetic representation, literary movements, genre, construction of sexual identities, sexual politics as well as representations of ethnicity, class, and culture.

Term:

Occasional

Type:

Studies in Literature

- **FR-318 Face in the Mirror: Writing & Reflecting the Self in French**

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

Examines literature in the French language focusing on memoir, essay, and autobiography. Read authors such as, Montaigne, Rousseau, Lamartine, Colette, Duras, Beauvoir, Le, Chamoiseau, Djébar, Conde, Ernaux, Genet, and Satrapi. Develops an appreciation of the differences between autobiography and autofiction. Explores the question of truth and the fallibility of memory.

Type:

Studies in Literature

• **WGS-211 Heroines, Hotties & Hubris: Adolescent Girl's Books**

Credits:

4.00

Description:

Explores what we can learn from the books that teenage girls read. In addition to a wide array of interesting and complex Young Adult novels targeted to young female readers, students will be exposed to theories of adolescent development, literary criticism, and social theory. Topics include how the dilemmas of girlhood have changed or stayed constant and the urge, so common in books for children and teens, to teach kids how to think and behave.

Term:

Occasional

Type:

Studies in Literature

• **WGS-220 Other Worlds, Other Genders: Women and Science Fiction**

Credits:

4.00

Description:

Examines through both classic and contemporary science fiction a variety of possibilities for world-reimagining in the realms of gender, sexuality, race, and other forms of difference. Draws on theories of utopian and dystopian discourse, engages with questions of biology and reproduction, and explores colonialism through first-contact and space empire narratives.

Type:

Studies in Literature

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

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Bachelor of Science Degree

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All BS degree programs require the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Ethical & Philosophical Inquiry: 1 course, 4 credits

Choose one Ethics course from those listed below:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

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- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Human Behavior and Societies: 1 course, 4 credits

Choose one Human Behavior and Societies course from those listed below:

Advertising and Public Relations:

- **ADPR-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media on contemporary society from a social science perspective. Television, radio, film, and print formats are discussed in terms of their persuasive impact on mass culture in the U.S.. The emergence and development of Rock N Roll is discussed in unison with the Civil Rights, Student's Rights, and anti-War movements of the period from 1946-1972.

Term:

Offered Spring Term

Type:

Human Behavior & Societies

Communication:

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television, and new media technologies develop, and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness, and change processes.

Term:

Offered Fall Term

Type:

Human Behavior & Societies

Economics:

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

Government

- **GVT-110 Introduction to American Democracy**

Credits:

4.00

Description:

An introduction to the American political system and constitutional framework. Focus will be on the interplay of various institutions (the Presidency, Congress and the Judiciary) in creating public policies. Contemporary public issues will be discussed, as will the role of political theory in shaping American democracy. Attention will be given to the role of the news media, public opinion, political ideology, political parties and interest groups in the American system.

Type:

Human Behavior & Societies

- **GVT-115 Evolution of the Global System**

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

Type:

Psychology:

- **PSYCH-114 General Psychology**

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

Sociology:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-224 Families in Contemporary Society (Spain)**

Credits:

4.00

Description:

Spain has experienced major socio-demographic changes since the mid 1970s. These transformations mainly arise from the new role of women in society and, in particular, women's higher levels of education, work experience, and labor market attachment. The changes in women's labor force participation have occurred in conjunction with a progressive postponement of main family events, such as leaving the parental home, forming a partnership and having children, as well as with a reduction in the family size. Spain is, indeed, characterized as having one of the lowest low fertility levels within Western industrialized countries, a pattern that is exacerbating the ongoing process of population aging. This picture partly reflects the conflicting relationship that currently exists between women's labor force participation and the accommodation of family responsibilities: the so-called work/ family balance. Ongoing differences among countries have been accounted for by different explanatory factors that involve socio-economic,

cultural and social policy dimensions. From a comparative perspective, the course is intended to cover recent debates, controversies, and research on family formation and family dilemmas in contemporary Spain.

Type:

Human Behavior & Societies

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Core Requirements may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



2017-2018 Archived Catalog Information

Bachelor of Science Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BS degree programs require the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Social and Intellectual History: 1 course, 4 credits

Choose one course from those listed below:

American Studies:

- **AMST-111 Defining America and Americans**

Credits:

4.00

Description:

Examines artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and methods in the field of American Studies.

Type:

Social & Intellectual HST

Art & Design:

- **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

Asian Studies:

- **AS-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Both Fall and Spring

Type:

Asian Studies, Social & Intellectual HST

Communication:

- **CJN-114 Great Works of Journalism**

Credits:

4.00

Description:

An examination of important contributions to the literature of journalism through an analysis of major writers and news coverage of significant events from a journalistic perspective.

Term:

Occasional

Type:

Social & Intellectual HST

English:

- **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's *Odyssey*, Sophocles' *Oedipus*, Virgil's *Aeneid*, selections from the Hebrew Bible and the Gospels, and Dante's *Divine Comedy*. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **ENG-124 Great Books of the World II**

Credits:

4.00

Description:

This course will introduce students to a selection of Great Books from around the world from the 17th century to the 21st, such as *Don Quixote* (Spain), *Madame Bovary* (France), *The Communist Manifesto* (Germany), *The Origin of Species* (England), *War and Peace* (Russia), *On Dreams* (Austria), *Night* (Hungary), *Things Fall Apart* (Nigeria), *Satyagraha* (India), *I Am Prepared to Die* (South Africa), *Saeed the Pessoptomist* (Israel), *The Rouge of the North* (China), and *The House of Spirits* (Chile). Readings may vary at the discretion of the instructor.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

Environmental Science:

- UES-325 Environmental History of US

Credits:

4.00

Description:

Explores how Americans have understood the environment and their relationship to it through analysis of classic environmental texts, historical contexts, and societal perspectives. Analyzes how the environment has changed from pre-colonial times to the present and how these changes have been described through the lens of environmental history. Themes include differing viewpoints of European and indigenous peoples toward the natural environment, the impacts of the Western expansion on native species and landscapes, the rise of industrialism and its impacts on natural resources and ecosystems, and the rise of 20th century environmentalism.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

History:

- HST-101 History of Western Civilization I

Credits:

4.00

Description:

Surveys European culture, politics, and society from antiquity to the seventeenth century. Topics include: the Greek, Judaic, and Roman heritage; the rise of Christianity; feudal society in the Middle Ages; Renaissance and Reformation; the Scientific Revolution; and the development of absolutist and constitutional governments.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **HST-102 History of Western Civilization II**

Credits:

4.00

Description:

Surveys European culture, politics, and society from the Scientific Revolution to the present. Topics include: the development of absolutist and constitutional governments; the Enlightenment; the French Revolution; Industrialization and urbanization; nationalism and imperialism; World War I, World War II, and the Cold War; the decline of Europe as a world power.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-121 World History I**

Credits:

4.00

Description:

Explores the major themes of human history to 1500. Topics include: hunter-gathering, the migration of humans across the globe, transitions to food production, and the development of complex societies based on agriculture. Major early Eurasian civilizations (China, India, the Middle East, and Europe) are examined (alongside their interactions with Inner Asia and the Arabian Peninsula). So too are Sub-Saharan Africa and the Americas.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-149 Empires & Globalization in World History I**

Credits:

4.00

Description:

This is the first of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include the formation of the medieval trade system, the development of finance and capitalism in the early modern ages, and economic changes prior to the Industrial Revolution. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-150 Empires & Globalization in World History II**

Credits:

4.00

Description:

This is the second of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include state-making, wars, and the rivalry among early modern empires, economic development, the Industrial Revolution and the formation of the global trade system. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-181 American Life to the Civil War Era**

Credits:

4.00

Description:

Surveys American history from European colonization up through the era of the Civil War. Topics include interactions with Native Americans; slavery; the American Revolution; the founding of a new republic; social and economic developments in the early nineteenth century; expansion; party politics; sectional conflict; the Civil War and Reconstruction.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-182 American Life Since the Civil War Era**

Credits:

4.00

Description:

Surveys American history from the 1870s to the present. Topics include the new industrial order; farmer and worker protests; progressivism; America's emergence as a world power; the two World Wars; the Great Depression; the New Deal; the Cold War; post-World War II American society; the Civil rights movement; Vietnam; dissent and counterculture in the 1960s; the women's movement; economic, social, and political changes in the late-twentieth century; America's relationship to a globalized world.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-251 Modern East Asia**

Credits:

4.00

Description:

China, Japan, and Korea - East Asia's critical players - share many historical influences, but each has a distinct culture, and they competed with each other for much of the twentieth century, proud of their achievements but feeling threatened by their neighbors. Lectures interspersed with movies and documentaries to show how East Asia has developed in the past one-hundred-plus years.

Type:

Social & Intellectual HST

- **HST-260 Asian Peoples and Cultures**

Credits:

4.00

Description:

Introduces the peoples of Asia and the cultures they have created. Particular attention is paid to the lives of the common people in both historical and contemporary times. By understanding the richness and complexities of daily life in Asia, we will understand the continuities and discontinuities brought on by social, cultural, and economic changes. We will gain an appreciation of our fellow human beings in Asia.

Type:

Social & Intellectual HST

- **HST-268 History of the Mediterranean**

Credits:

4.00

Description:

Explores the history of the Mediterranean from the ancient times to the 20th century, with emphasis on the extraordinary interaction between the rich cultural, ethnic and religious backgrounds of the peoples of Europe, Middle East, and North Africa.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-312 Renaissance and Reformation Europe**

Credits:

4.00

Description:

Explores the intellectual and cultural developments of the Renaissance, and of the Protestant and Catholic Reformations in their social and political contexts. Topics include: Humanism, the rise of the city-state; art, and science; changes in family and social life; the causes of the Reformation (intellectual, social, technological); Calvinists, Lutherans, and Radical Reformers; Counter-Reformation and its political consequences; the Wars of Religion.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-361 Native America 1832 to Present**

Credits:

4.00

Description:

Topics will include the Plains Indian Wars; ethnological aspects of Indian tribes; the pitfalls of Indian reform movements; Indian resistance to U.S. assimilation and reservation policies; the Indian New Deal; activism and the American Indian Movement; Indians' future prospects. Cultural Diversity A

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-383 Boston: Heritage of a City**

Prerequisites:

One History course

Credits:

4.00

Description:

Boston from its foundation in 1630 to its development as a 21st century metropolis. From the Massachusetts Bay Colony, to cradle of the American Revolution, to a Yankee merchant capital, Brahmin cultural center, and immigrant melting pot. When offered in the hybrid format, this course will meet at the regularly-scheduled time, but lectures and other course materials will be available on the course Blackboard site in case you cannot attend.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-394 Slavery in Film, Literature and History**

Credits:

4.00

Description:

A seminar on slavery in the United States as depicted in history, literature, and film. Topics may include resistance to slavery, honor, the attack on slavery, the cultural and social worlds of masters and enslaved people, the thought of masters and enslaved people, women and slavery, and/or slavery as an economic institution.

Type:

Social & Intellectual HST

- HST-412 Europe in the 20th Century

Credits:

4.00

Description:

Examines the political, economic, social and cultural developments of the principal European states since 1900. Topics include: World War I; the social and economic dislocations of the 1920s and 1930s; the rise of Fascism and National Socialism; World War II; the remains of colonialism; modernization and Americanization since the 1960s; the European Union; Europe after the Cold War; and throughout the twentieth century, the importance of class and class conflict, nationalism, and war in shaping the European experience.

Term:

Occasional

Type:

Social & Intellectual HST

- HST-426 Politics and Culture in Europe 1919-1939

Credits:

4.00

Description:

Explores the social and political development of European society between the two world wars, primarily through the literature, art, and films of the period. Topics include: the dissolution of pre-1914 middle class society; deviance and sexuality in the 1920s; the role of decadence in art and the Fascist response to deviance in life and art; women, workers, and the new technology; the rise of Fascism; political engagement and polarization throughout European society in the face of economic and social crisis.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-489 Germany: Film, Politics, Memory Since 1945**

Credits:

4.00

Description:

Explores German history since 1945 through film, newsreels and other archival footage, war memorials and museums, novels, published diaries, memoirs, and recent historical scholarship. Topics include the representation, in film and other texts, of: post-war rebuilding; the German Economic Miracle; divided Berlin; 1960s and 70s radical politics; coming to terms since 1945, with Germany's Nazi past and the Holocaust; coming to terms since 1990 with the Stasi and East German past; Ostalgie (nostalgia in the 21st century for some aspects of East German socialism); the multi-cultural society that is Germany today, with new Turkish, Greek, Russian, Arab, and even Israeli communities.

Type:

Social & Intellectual HST

Philosophy:

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Social & Intellectual HST

Women's & Gender Studies:

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Social & Intellectual HST

- **WGS-115 Introduction to Gender Studies**

Credits:

4.00

Description:

Introduces the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, explores the pervasive influence of gender on the structure of society and our everyday experiences and the role that gender plays in our understanding of love, friendship, sexuality, and even violence. Topics include: biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Social & Intellectual HST

- **WGS-311 Engendering Entertainment: Feminism and Popular Culture**

Credits:

4.00

Description:

Investigates the complex intersections between feminism and popular culture through several different lenses: by exploring, how feminists make arguments about popular culture; by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like *The Bachelor* and *Grey's Anatomy*; by focusing on a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's *Female Chauvinist Pigs*, and Caitlin Moran's *How to Be a Woman*. Along the way we will ask questions about: what makes a work of art feminist; how modern media contributes to or distracts us from a variety of political debates in the realm of female equality and how can we, as individuals, use modern media to create and advance smart, feminist arguments.

Type:

Social & Intellectual HST

- **WGS-315 Feminist Thought**

Credits:

4.00

Description:

Investigates how feminists, both today and in history, have understood inequality and difference and looked for the best ways to address these issues and bring about social justice. Examines how feminist theorists help us to understand how gender and other social categories, such as race, class, sexuality, disability, age and nationality, are constructed within and through each other; and analyzes feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory, as well as consider anti-feminist arguments. Readings include classic critical texts by authors including Mary Wollstonecraft, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler.

Type:

Social & Intellectual HST

- **WGS-335 Queer Narratives**

Credits:

4.00

Description:

Explores the stories that help us to understand communities, identities, and bodies that could be considered queer, and the ways that film, music, memoir and fiction have discussed queer as different, unusual, or other. Texts include the documentary, "Paris Is Burning", Frank Ocean's 2012 album, "Channel Orange", and Janet Mock's recent memoir, "Redefining Realness", as well as foundational queer theory from Judith Butler, Eve Kosofsky Sedgwick, and Lee Edelman, among others, to help build a framework for approaching and interpreting both fictional and non-fictional accounts of queer lives.

Type:

Social & Intellectual HST

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Core Requirements may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



2017-2018 Archived Catalog Information

Bachelor of Science Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BS degree programs require the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Visual & Performing Arts Theory and History: 1 course, 3-4 credits

Choose one course from those listed below:

- **ADG-224 History of Graphic Design**

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

- **ADI-234 History & Theory of Interior Architecture**

Prerequisites:

Taken concurrently with ADI S201

Credits:

3.00

Description:

This course introduces students to the important individuals, ideas and issues that have shaped the direction of contemporary interior design practice in the twentieth century, building upon the historical foundation established by the Ideas of Western Art and History of Furniture and Architecture classes. Intermixing lectures and readings with visits to important local buildings, it discusses the influences of culture, technology, fashion and media upon the work and thinking of the first generation of modern designers, as well as emerging social, moral and environmental imperatives that will form the basis of future practice; cultural identity, interdisciplinary collaboration, sustainability and universal design.

Term:

Offered Fall Term

- **ARH-101 Art History I**

Credits:

4.00

Description:

Surveys the art of Western civilization from prehistoric caves to medieval cathedrals. Considers works from the Ancient Near East, Ancient Egypt, Ancient Greece and Rome, the Byzantine Era, the Romanesque Period, and the Gothic Period in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-102 Art History II**

Credits:

4.00

Description:

Surveys the art of Europe and America from the Renaissance to the present. Considers work of painting, sculpture, and architecture from periods such as the Renaissance, the Baroque, the Rococo, Neoclassicism, Romanticism, Impressionism, Abstract Impressionism, and Post-Modernism in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-205 Gender, Class and Alterity in Ancient And Medieval Art**

Credits:

4.00

Description:

Explores issues of sexuality, gender, race, and social class in the ancient and medieval worlds. Examines key artworks from ancient Greece, the Roman Empire and medieval Europe within historical, social and cultural contexts.

- **ARH-307 Art of the Italian Renaissance**

Credits:

4.00

Description:

Examines painting, sculpture and architecture of the 14th, 15th, and 16th centuries in Italy in their cultural context. Artists include Giotto, Masaccio, Donatello, Leonardo da Vinci, Raphael, Michelangelo, and Titian.

Term:

Occasional

- **ARH-308 Art of the Baroque & Rococo**

Credits:

4.00

Description:

Explores painting, sculpture and architecture in Italy, Spain and Northern Europe during the 17th and 18th century. Works by Rembrandt, Rubens, Caravaggio, Bernini, Poussin, Velasquez, Watteau, Boucher, Fragonard, Chardin, Hogarth and others considered within their historical contexts.

Term:

Occasional

- **ARH-309 Art of the 19th Century**

Credits:

4.00

Description:

Examines Neoclassicism, Romanticism, Realism and Impression in the European painting. Considers works by artists such as David, Ingres, Friedrich, Constable, Delacroix, Goya, Courbet, Millet, Daumier, Manet, Monet, Renoir, Degas, and Cassatt within their historical contexts.

Term:

Occasional

- **ARH-310 Modernism in Art**

Credits:

4.00

Description:

Examines European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, The Bauhaus, Dada, and Surrealism. Considers works by artists such as Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Mondrian, Duchamp, Magritte, Dali, and Ernst within their historical contexts.

- **ARH-311 American Art**

Credits:

4.00

Description:

Surveys American painting, sculpture, photography and architecture from the colonial period through WWII. Considers works by artists such as Smibert, Copley, West, Stuart, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole, Inness, Sloan, Sullivan, Wright, Hopper, O' Keefe, Dove, Hartley, Bellows, Stieglitz, Weston, and Steichen.

Term:

Occasional

- **ARH-312 Art of the Northern Renaissance**

Credits:

4.00

Description:

Examines painting, sculpture, and architecture of the 14th, 15th and 16th centuries in Northern Europe, within their historical context. Topics include the rise of oil painting, the development of woodcut and engraving, the effect of the Reformation on art. Artists include van Eyck, Bosch, Durer, Holbein and Brueghel.

Term:

Occasional

- **CJN-152 Visual Aesthetics**

Credits:

4.00

Description:

This course provides an introduction to a humanities approach to a range of media, including but not limited to film and television. The course helps students develop visual literacies, enriching their understanding of multiple forms of media. The class also explores how media texts are constructed for specific cultural, entertainment, informative and propaganda purposes.

Term:

Offered Both Fall and Spring

- **CJN-292 Film History: From Silent Cinema to the Modern Era**

Credits:

4.00

Description:

An introductory film studies course that covers the history of the film medium from its birth until the 1970s. It provides an introduction to major film theory concepts, such as genre and/or auteur studies, as well as key films and stars in movie history.

Term:

Alternates Fall & Spring

- **ENG-266 Mad Men: Reading Visual Narratives**

Credits:

4.00

Description:

This course will focus on the cultural phenomenon of the TV Series Mad Men, considered by many to be the foremost example of Quality TV produced during the so-called golden age of television and engage with it on visual, cultural, literary and filmic levels. The basic premise of the course is that the current practice of binge watching one's favorite shows should be a heightened experience rather than a guilty pleasure, one akin to reading a novel. Watching a complex and sophisticated TV narrative involves taking into account the viewer's positionality as a filmic consumer, textual critic and social commentator. The class will consider various theoretical approaches to television narrative, beginning with ideas gleaned from the discourse of visual literacy, and proceed by applying textual analysis adapted from the more traditional modes of literary studies and film analysis. A combination of critical and evaluative sources will be examined, including book-length studies of the series, individual essays based on the series' appeal to style, American popular culture, advertising, gender roles, race, and 60s nostalgia. Additionally, the recent phenomenon of the series recap will serve as the touchstone to the class's collective viewing of the series and students will be challenged to synthesize and assess these popular on-line critiques as they draft their own recaps and creative readings of the episodes. The entire first two seasons of Mad Men will be studied and the invaluable resource of director/producer commentaries will be incorporated into the study of the series with a view to acquiring critical insights and analytical skills that may be applied to other quality TV series that students currently enjoy watching.

- **FR-220 French & Francophone Cinema**

Credits:

4.00

Description:

Discusses and deepens understanding of French and Francophone cinema from its origins in the late nineteenth century to the early twenty-first century. Explores early works from France, by the Lumiere Brothers and Georges Melies as well as contemporary films from France, Algeria, Burkina Faso, Canada, Haiti, and Senegal.

Term:

Occasional

- **MUH-101 History of Music I**

Credits:

4.00

Description:

Surveys Western music from CE800-1800, from Gregorian to Beethoven; selected major composers, representative masterworks, and the musical styles of the Medieval, Renaissance, Baroque, and Classical periods; links the music to some of the major historical, cultural, artistic, and intellectual trends of these periods. Normally offered yearly.

Term:

Offered Fall Term

- **MUH-102 History of Music II**

Credits:

4.00

Description:

Surveys Western art music from 1800-present, from Schubert to Jennifer Higdon; selected major composers, representative masterworks, and the musical styles of Romantic, Contemporary, and post-Modern periods; links the music to some of the major historical, cultural, artistic, and intellectual trends of these periods. Normally offered yearly.

Term:

Offered Spring Term

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Surveys American music from Colonial times to the present; various attempts to create an indigenous musical style; vernacular and art music genres including folk, concert, and religious music, jazz and musical theatre; includes music of Billings, Amy Beach, Ives, Copland, Bernstein, and Libby Larsen. Normally offered yearly.

Term:

- **PHIL-219 Philosophy of Art**

Credits:

4.00

Description:

What counts as art? What is beauty? Are there objective standards of beauty? This course examines the nature of aesthetic experience, art, beauty, and creativity. Through the classic and contemporary readings, the students will be introduced to philosophical issues concerning the meaning of art, artistic representation, perceptions of art, interpretation, and criticism. Students will be encouraged to reflect on their own experience of art and explore the relationships among the artist, the audience, the artwork, and the world. 1 term - 4 credits. Normally offered every third year.

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

- **THETR-266 Intro to Theatre: 20th Century**

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Core Requirements may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



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Bachelor of Science Degree

Please note that these requirements are for students matriculating in or after fall, 2017. Students matriculating prior to fall, 2017 must reference the [Pre-Fall 2017 Degree Requirements \(Archives\)](#).

All BS degree programs require the successful completion of the following courses:

Core Requirements: 15 courses, 54-56 credits

- [First-Year Experience](#)
- [Seminar for Freshmen](#)
- [First-Year Writing](#)
- [Creativity & Innovation](#)
- [Math](#)
- [Social, Cultural, & Global Perspectives](#)
- [Science, Technology, & Engineering](#)
- [Studies in Literature](#)
- [Ethical & Philosophical Inquiry](#)
- [Human Behavior and Societies](#)
- [Social and Intellectual History](#)
- [Visual & Performing Arts Theory and History](#)
- [Quantitative Analysis](#)

Quantitative Analysis: 1 course, 4 credits

Choose one course from those listed below:

Biology:

- **BIO-273 Biostatistics**

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the statistical methods used to evaluate biological problems. Sampling, probability, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered. Software for data handling, graphics, and analysis will be used.

Term:

Offered Fall Term

Type:

Quantitative Analysis

Communication:

- **CJN-210 Communication Research Statistics**

Credits:

4.00

Description:

The course develops an understanding of how statistics are used in the presentation of information and arguments in Communication and Journalism. Emphasizing a conceptual approach to learning statistics, the course focuses on data collection and summarization, correlation, regression, sampling, estimation, and tests of significance. Students perform basic statistical calculations using SPSS software.

Term:

Offered Both Fall and Spring

Computer Science:

- **CMPSC-F120 Programming for the World Wide Web**

Credits:

4.00

Description:

This is a hands-on course aimed at non-CS students who want to learn how to build interesting and interactive web pages. We do not use any drag-and-drop software for this purpose. Instead we cover the basics of HTML and PHP and, if time permits, we look at some ways of building web pages that interact with databases. Each student will have, for the duration of the course, an account on a server that permits individuals to have web pages that are visible on the World Wide Web.

Type:

Quantitative Analysis

- **CMPSC-F124 Game Programming**

Credits:

4.00

Description:

This course introduces students to computer game development, including, but not limited to, game programming. We use Game Maker, a framework for personal computers that runs equally well on XP, Vista, and Linux. We learn about the foundational concepts of two-dimensional (flat) games: graphics, sound, objects, actions, rooms, scores, levels, multiplayer support, artificial intelligence, and more. Game Maker has an intuitive interface that makes game development approachable for everyone, including those who have never written a single game or a single computer program. All games created by Game Maker can be saved as standalone applications and can be shared freely with classmates, friends, and family. This is not a course in graphics design, audio editing, or scriptwriting. Students are encouraged to use their creativity and imagination to design games and the correctness of game implementation is stressed throughout the course.

Type:

Government:

- **GVT-201 Data Analysis and Politics**

Prerequisites:

Sophomore Standing GVT 110 and 120 and Math 128 or higher.

Credits:

4.00

Description:

Quantitative analysis is quickly changing the way we understand and engage in politics, how we implement policy, and how organizations across the world make decisions. In this course, we will learn the fundamental principles of statistical inference and develop the necessary programming skills to answer a wide range of political and policy oriented questions with data analysis. Who is most likely to win the upcoming presidential election? Do countries become less democratic when leaders are assassinated? Is there racial discrimination in the labor market? These are just a few of the questions we will work on in the course.

Type:

Quantitative Analysis

Philosophy:

- **PHIL-212 Formal Logic**

Credits:

4.00

Description:

An introduction to formal (or semi-formal) study of the basic types of deductive arguments (propositional and syllogistic logic). 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Quantitative Analysis

Psychology:

- **PSYCH-215 Behavioral Statistics**

Prerequisites:

PSYCH 114; Restricted to majors only unless with permission of instructor.

Credits:

4.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Quantitative Analysis

Sociology:

- **SOC-212 Statistics for Sociology**

Prerequisites:

SOC-113 OR SOC-116 and MATH-128 or higher

Credits:

4.00

Description:

In this course, students will be introduced to descriptive and basic inferential statistical techniques. The course will provide information on the following topics: Description - measures of central tendency (mean, median, mode) and measures of dispersion (range, standard deviation); logic of statistical inference, including normal curve and sampling distribution; hypothesis testing with one sample and two samples; measures of association between two variables (bivariate analysis), including chi-square, regression, and correlation; and introduction to multivariate regression. Students will utilize SPSS (Statistical Package for the Social Sciences) software to input and analyze data. The goals of the course are for students to appreciate the need for statistical methods in the broad field of sociology and to gain basic statistical literacy.

Term:

Offered Both Fall and Spring

Type:

Quantitative Analysis

Statistics:

- **STATS-240 Introduction to Statistics**

Prerequisites:

Math 128 or higher. REMINDER: STATS 240 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Topics include: data presentation, measures of central locations and dispersion, probability and probability distributions, estimation, hypothesis testing, simple and multiple regression models. The use of Excel and SPSS will be emphasized throughout the course. 1 term - 4 credits (4 hours per week). Normally offered each semester. STATS 240 satisfies the same requirements as STATS 250

Type:

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

Major Requirements Minimum: 8 courses, 32 credits

Complementary Major Requirements, Minor Requirements, and Free Electives: credit varies

Minimum Total Credits Required for Degree Conferral: 126 credits

Note:

Core Requirements may also count toward major if taken at appropriate level.

Some degree programs exceed 126 credits.



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Major Requirements: 13 courses, 49 credits

Advertising and Public Relations Core (3 courses, 9 credits)

- **ADPR-101 Introduction to Advertising, Public Relations, and Social Media**

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical approaches to the study of Advertising, Public Relations & Social Media. Students investigate the broad themes and foundational concepts which unify these diverse fields.

Term:

Offered Both Fall and Spring

- **ADPR-102 Professional Development**

Prerequisites:

ADPR-101 must be taken concurrently

Credits:

1.00

Description:

In this hands-on experiential course, students examine potential career paths in Advertising, Public Relations, and Social Media, become oriented to the university and the surrounding Boston area, and identify professional resources in Boston that foster career development.

- **ADPR-103 Presentations Skills**

Credits:

4.00

Description:

The development and delivery of oral presentations. Students acquire skills in oral and physical delivery, organization, persuasion, critical thinking, and use of support media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

Note: All students should take ADPR-101, ADPR-102, and ADPR-103 during their first year. ADPR-101 and ADPR-102 should be taken during a student's first semester in the major.

Advertising Core (7 courses, 28 credits)

- **ADPR-247 Design Lab**

Credits:

4.00

Description:

Computer applications for advertising and communication design. Using various graphical editing and design programs, students learn the theory and practice of design for layout, logos, and graphic elements in communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-257 Advertising**

Credits:

4.00

Description:

A survey course that introduces students to advertising concepts and practices from the perspective of agencies, clients, the media, and consumers. Students learn to think critically about advertising messages and learn practical techniques for developing effective advertising in various media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-289 Social Media**

Credits:

4.00

Description:

Social media sites such as Facebook, Instagram, Snapchat and Twitter are examined from a cultural and critical perspective. Students use of social media for community formation, social presence, identity building, and social activism. The roles of advertising, public relations, and branding are examined.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-297 New Media New Markets**

Credits:

4.00

Description:

Students learn HTML, CSS and Widgets for the construction, design and posting of web sites. In addition, we examine the use of websites, mobile sites for advertising, public relations, search engine optimization, and marketing.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-347 Media Planning**

Prerequisites:

CJN 257

Credits:

4.00

Description:

The planning and purchasing of advertising space and time. Examines media costs, budgets, and media strategy for different audiences and markets.

Term:

Offered Both Fall and Spring

- **ADPR-359 Advertising Copy**

Prerequisites:

CJN 257

Credits:

4.00

Description:

Continuation of basic advertising, with an emphasis on developing effective advertising messages and advertising campaigns.

Term:

Offered Both Fall and Spring

- **ADPR-437 Ad Campaigns**

Prerequisites:

CJN 359, CJN 257

Credits:

4.00

Description:

Principles of advertising campaigns. Students design, plan, and produce a national advertising campaign for a client as members of a simulated agency team.

Term:

Offered Spring Term

Advertising Electives (3 courses, 12 credits)

Choose three of the following:

- **ADPR-2277 Public Relations I: Principles**

Credits:

4.00

Description:

Effective public relations involve an understanding of the history, theory, and practice of public relations including public relations concepts, the role of the practitioner, and the foundations of public relations. This course seeks to provide that foundation as an introduction to the field of public relations. Issues surrounding the history, legality, process, and principles of public relations are explored.

Term:

Offered Both Fall and Spring

- **ADPR-299 Blogs and Blogging**

Credits:

2.00

Description:

Introduces students to the elements of professional blogs and blogging, including blog structures, use of images, creation of podcasts, and appropriate writing. Examines the social influence of blogs and the ethical responsibilities of bloggers. Students create their own blogs as part of the course.

- **ADPR-317 Principles of Branding and Visual Identity**

Prerequisites:

ADPR-257

Credits:

4.00

Description:

Examines the success and failure of the visual identities of brands as well developing a new visual identity and launching a campaign for an existing brand. Includes an analysis of the strategically planned and purposeful presentation of a brand's visual identity as well as a brand's name, logo, tagline (slogan), color palette and other sensory elements that make a brand unique.

- **ADPR-383 Online Advertising**

Prerequisites:

CJN-257;

Credits:

4.00

Description:

All forms of online advertising are explored, including paid search, with a focus on building a brand online.

Term:

Alternates Fall & Spring

Type:

Arts Admin Minor Elective

- **ADPR-409 Content Management**

Prerequisites:

ADPR-2277

Credits:

4.00

Description:

Examines best practices for web publishing, including creating, editing and maintaining content for online and social media platforms. Students analyze the content of websites and then produce their own content in a variety of forms. Covers content creation and maintenance techniques, as well as customer and client relationship skills, with an emphasis on effective writing. Includes practical experience creating, editing and maintaining content for online and social media platforms.

- **ADPR-430 Social Media Campaigns**

Prerequisites:

ADPR-389

Credits:

4.00

Description:

Covers the development of a social media campaign for a target audience using a variety of platforms. Students will use social media and design tools to create a campaign for a client, moving it from concept through execution.

- **ADPR-431 Multi-Platform Marketing Communication**

Prerequisites:

ADPR-257

Credits:

4.00

Description:

Focuses on creating an integrated multi-platform brand campaign that spans various media, including television, social media, search and print. Students will analyze the success and failure of brands' campaigns and will also develop a multi-platform campaign for an existing brand.

- **ADPR-457 Integrated Marketing Communication**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines the integration of advertising, promotion, public relations and marketing communication in the strategic communication process. By learning the fundamentals of interpersonal and persuasive communication, students have an opportunity to develop an effective communication plan for a brand that includes creative copy.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-492 Special Topics in Public Relations**

Credits:

4.00

Description:

Explores current issues in public relations.

Term:

Occasional

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Minor Requirements: 5 courses, 20 credits

- ADPR-257 Advertising

Credits:

4.00

Description:

A survey course that introduces students to advertising concepts and practices from the perspective of agencies, clients, the media, and consumers. Students learn to think critically about advertising messages and learn practical techniques for developing effective advertising in various media.

Term:

Offered Both Fall and Spring

Type:

- **ADPR-297 New Media New Markets**

Credits:

4.00

Description:

Students learn HTML, CSS and Widgets for the construction, design and posting of web sites. In addition, we examine the use of websites, mobile sites for advertising, public relations, search engine optimization, and marketing.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-347 Media Planning**

Prerequisites:

CJN 257

Credits:

4.00

Description:

The planning and purchasing of advertising space and time. Examines media costs, budgets, and media strategy for different audiences and markets.

Term:

Offered Both Fall and Spring

- **ADPR-359 Advertising Copy**

Prerequisites:

CJN 257

Credits:

4.00

Description:

Continuation of basic advertising, with an emphasis on developing effective advertising messages and advertising campaigns.

Term:

Offered Both Fall and Spring

Choose one of the following:

- **ADPR-289 Social Media**

Credits:

4.00

Description:

Social media sites such as Facebook, Instagram, Snapchat and Twitter are examined from a cultural and critical perspective. Students use of social media for community formation, social presence, identity building, and social activism. The roles of advertising, public relations, and branding are examined.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-383 Online Advertising**

Prerequisites:

CJN-257;

Credits:

4.00

Description:

All forms of online advertising are explored, including paid search, with a focus on building a brand online.

Term:

Alternates Fall & Spring

Type:

Arts Admin Minor Elective

- **ADPR-457 Integrated Marketing Communication**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines the integration of advertising, promotion, public relations and marketing communication in the strategic communication process. By learning the fundamentals of interpersonal and persuasive communication, students have an opportunity to develop an effective communication plan for a brand that includes creative copy.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Degree Requirements

1. Students admitted to this dual degree program must meet all the requirements of an undergraduate degree program within the departments of Communication & Journalism or Advertising, Public Relations, & Social Media.
2. Student must also meet all requirements for the Master's degree in Communication.
3. Students will take two Communication graduate courses during their senior year; one during the fall semester and one during the spring semester. The two graduate courses taken during the senior year will count toward BOTH the undergraduate and graduate degree requirements. Credit hours will be awarded based on the graduate course description.
4. The graduate courses taken during the senior year will be determined by the Communication graduate program director.
5. Students are subject to the usual standards for academic standing, i.e., undergraduate standards for undergraduate courses and graduate standards for graduate courses.

Upon successful completion of all of the degree requirements, a student will receive a dual Bachelor's and Master's degree. The exact degree will be awarded based on the specific undergraduate program the student completes. A student may permanently exit the dual degree program and opt to graduate with a Bachelor's degree if all the requirements for a Bachelor's degree have been met. In this case, the graduate courses taken in the senior year will be counted as 4-credit courses applied toward the undergraduate degree requirements.



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Majors in the Advertising, Public Relations, & Social Media department who have completed 24 credits of ADPR coursework, and who have a major GPA of 3.4 or higher and an overall GPA of 3.2 or higher may enroll in ADPR-506 Honors Seminar. Completion of Honors Seminar with a grade of "B+" or better entitles the student to departmental honors. For further details, contact the department chair.

- **ADPR-506 Honors Seminar**

Prerequisites:

Senior CJN majors with an overall cumulative grade point average of 3.0, and a major GPA of 3.4

Credits:

4.00

Description:

Senior CJN majors meeting requirements for Departmental Honors are invited to participate in this seminar, which entails research and presentation of an approved topic.

Term:

Offered Spring Term



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Course descriptions may be updated periodically to reflect changes since the last published catalog.

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 - [Honors](#)
 - [Courses](#)
- ADPR-101 Introduction to Advertising, Public Relations, and Social Media

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical approaches to the study of Advertising, Public Relations & Social Media. Students investigate the broad themes and foundational concepts which unify these diverse fields.

Term:

Offered Both Fall and Spring

- ADPR-102 Professional Development

Prerequisites:

ADPR-101 must be taken concurrently

Credits:

1.00

Description:

In this hands-on experiential course, students examine potential career paths in Advertising, Public Relations, and Social Media, become oriented to the university and the surrounding Boston area, and identify professional resources in Boston that foster career development.

- **ADPR-103 Presentations Skills**

Credits:

4.00

Description:

The development and delivery of oral presentations. Students acquire skills in oral and physical delivery, organization, persuasion, critical thinking, and use of support media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-177 Professional Communication**

Credits:

4.00

Description:

An introduction to the processes of professional communication, with emphasis on oral presentations, report writing, effective listening, and interpersonal communication in the business environment.

Term:

Occasional

- **ADPR-210 Communication Research Statistics**

Credits:

4.00

Description:

The course develops an understanding of how statistics are used in the presentation of information and arguments in Advertising, Public Relations & Social Media. Emphasizing a conceptual approach to learning statistics, the course focuses on data collection and summarization, correlation, regression, sampling, estimation, and tests of significance. Students perform basic statistical calculations using SPSS software.

Term:

Offered Both Fall and Spring

Type:

Quantitative Analysis

- **ADPR-217 Gay and Lesbian Studies**

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social, and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions, and social movements.

Term:

Alternates Fall & Spring

- **ADPR-219 Rhetoric of Protest and Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **ADPR-235 Argument and Advocacy**

Credits:

4.00

Description:

Modern applications of argument in political, social, and legal situations. Emphasis on development of arguments, analysis, use of evidence, and delivery of oral and written assignments.

Term:

Offered Fall Term

- **ADPR-239 Creativity in Global Branding**

Credits:

3.00

Description:

This online course is provides students with an understanding of the role creativity plays in the development and management of a company's brands. Specifically, the class will delve deeply into creative strategy in advertising and marketing with a particular focus on award-winning creative strategy. The course will integrate international travel to France for the Cannes Lions International Festival of Creativity.

- **ADPR-245 Forensics**

Credits:

1.00- 8.00

Description:

Intensive research on topics in debate and active participation in the University forensics program. ECR

Term:

Offered Spring Term

- **ADPR-247 Design Lab**

Credits:

4.00

Description:

Computer applications for advertising and communication design. Using various graphical editing and design programs, students learn the theory and practice of design for layout, logos, and graphic elements in communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-257 Advertising**

Credits:

4.00

Description:

A survey course that introduces students to advertising concepts and practices from the perspective of agencies, clients, the media, and consumers. Students learn to think critically about advertising messages and learn practical techniques for developing effective advertising in various media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-258 Sports Public Relations**

Credits:

4.00

Description:

The application of public relations strategies and techniques to college and professional sports.

Term:

Alternates Fall & Spring

- **ADPR-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media on contemporary society from a social science perspective. Television, radio, film, and print formats are discussed in terms of their persuasive impact on mass culture in the U.S.. The emergence and development of Rock N Roll is discussed in unison with the Civil

Rights, Student's Rights, and anti-War movements of the period from 1946-1972.

Term:

Offered Spring Term

Type:

Human Behavior & Societies

- **ADPR-289 Social Media**

Credits:

4.00

Description:

Social media sites such as Facebook, Instagram, Snapchat and Twitter are examined from a cultural and critical perspective. Students use of social media for community formation, social presence, identity building, and social activism. The roles of advertising, public relations, and branding are examined.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-297 New Media New Markets**

Credits:

4.00

Description:

Students learn HTML, CSS and Widgets for the construction, design and posting of web sites. In addition, we examine the use of websites, mobile sites for advertising, public relations, search engine optimization, and marketing.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-299 Blogs and Blogging**

Credits:

2.00

Description:

Introduces students to the elements of professional blogs and blogging, including blog structures, use of images, creation of podcasts, and appropriate writing. Examines the social influence of blogs and the ethical responsibilities of bloggers. Students create their own blogs as part of the course.

- **ADPR-309 Grassroots Digital Advocacy**

Credits:

2.00

Description:

Examines advocacy campaigns that use digital strategies and techniques. Students explore the use of social media to raise awareness for causes, issues, and fundraising, and consider the impact of technology on grassroots advocacy.

- **ADPR-317 Principles of Branding and Visual Identity**

Prerequisites:

ADPR-257

Credits:

4.00

Description:

Examines the success and failure of the visual identities of brands as well developing a new visual identity and launching a campaign for an existing brand. Includes an analysis of the strategically planned and purposeful presentation of a brand's visual identity as well as a brand's name, logo, tagline (slogan), color palette and other sensory elements that make a brand unique.

- **ADPR-335 Negotiation**

Credits:

4.00

Description:

Introduces the techniques of negotiation. Focuses on the processes of negotiation across a variety of contexts. Offers students the opportunity to explore methods of applying these skills to professional and other real world settings.

- **ADPR-340 Health Communication**

Credits:

4.00

Description:

Examines the important functions performed by human and mediated communication for health care consumers and providers. The course focus is on the use of communication strategies to inform and influence individual and community decisions regarding health.

Term:

Occasional

- **ADPR-347 Media Planning**

Prerequisites:

CJN 257

Credits:

4.00

Description:

The planning and purchasing of advertising space and time. Examines media costs, budgets, and media strategy for different audiences and markets.

Term:

Offered Both Fall and Spring

- **ADPR-351 Native Advertising**

Prerequisites:

ADPR-257

Credits:

4.00

Description:

Examines the contemporary public relations practice of Native Advertising and sponsored content. Explores different forms of native advertising, methods and mechanisms for creating sponsored content, ethical and regulatory issues, and industry trends. Students learn how to blend content with news site partners, to use the different types of paid syndication, and to set up native ads.

- **ADPR-359 Advertising Copy**

Prerequisites:

CJN 257

Credits:

4.00

Description:

Continuation of basic advertising, with an emphasis on developing effective advertising messages and advertising campaigns.

Term:

Offered Both Fall and Spring

- **ADPR-378 Event Planning and Promotion**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines how events are built, promoted, managed, and assessed, with an emphasis on conventions, trade shows, and nonprofit events. Issues analyzed include facilities planning and contracts, legal issues, volunteer management, budgeting, marketing, and planner/staff communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-383 Online Advertising**

Prerequisites:

CJN-257;

Credits:

4.00

Description:

All forms of online advertising are explored, including paid search, with a focus on building a brand online.

Term:

Alternates Fall & Spring

Type:

Arts Admin Minor Elective

- **ADPR-409 Content Management**

Prerequisites:

ADPR-2277

Credits:

4.00

Description:

Examines best practices for web publishing, including creating, editing and maintaining content for online and social media platforms. Students analyze the content of websites and then produce their own content in a variety of forms. Covers content creation and maintenance techniques, as well as customer and client relationship skills, with an emphasis on effective writing. Includes practical experience creating, editing and maintaining content for online and social media platforms.

- **ADPR-430 Social Media Campaigns**

Prerequisites:

ADPR-389

Credits:

4.00

Description:

Covers the development of a social media campaign for a target audience using a variety of platforms. Students will use social media and design tools to create a campaign for a client, moving it from concept through execution.

- **ADPR-431 Multi-Platform Marketing Communication**

Prerequisites:

ADPR-257

Credits:

4.00

Description:

Focuses on creating an integrated multi-platform brand campaign that spans various media, including television, social media, search and print. Students will analyze the success and failure of brands' campaigns and will also develop a multi-platform campaign for an existing brand.

- **ADPR-435 Advocacy and Public Policy**

Credits:

4.00

Description:

Examines persuasion strategies and tactics for advancing public policy proposals and concerns. Students will learn how to apply the principles of Public Relations, Advertising, Negotiations and Persuasion to influence the public and government decision-makers.

- **ADPR-437 Ad Campaigns**

Prerequisites:

CJN 359, CJN 257

Credits:

4.00

Description:

Principles of advertising campaigns. Students design, plan, and produce a national advertising campaign for a client as members of a simulated agency team.

Term:

Offered Spring Term

- **ADPR-441 Risk and Crisis Communication**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Provides students with insight into effective risk and crisis management within organizations, including health organizations. Focuses on the application of theories, strategies, and tactics from a public relations perspective. Students understand how communication can prevent, cause, accelerate, and assist in recovery from a crisis.

Term:

Occasional

- **ADPR-444 Advanced Health Communication**

Prerequisites:

CJN-340

Credits:

4.00

Description:

Explores theory and research in the development of persuasive health campaigns in many contexts including social marketing. Examines aspects of health campaigns including formative research, audience segmentation, key message tailoring, and communication tools.

Term:

Occasional

- **ADPR-457 Integrated Marketing Communication**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines the integration of advertising, promotion, public relations and marketing communication in the strategic communication process. By learning the fundamentals of interpersonal and persuasive communication, students have an opportunity to develop an effective communication plan for a brand that includes creative copy.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-458 Advanced Sports Public Relations**

Prerequisites:

CJN-258

Credits:

4.00

Description:

Focuses on the theory and practice of effective sports public relations management including the development of sport, team, and league public relations campaigns. Also focuses on sports public relations in the context of stakeholder relations in sports.

Term:

Occasional

- **ADPR-479 Environmental Public Relations**

Credits:

4.00

Description:

Examines public issues involving the environment. Focuses on public relations strategies for government agencies, corporations, and other organizations concerned with the environment.

Term:

Occasional

- **ADPR-488 Grant Writing**

Credits:

4.00

Description:

Hands-on course that explores the process of writing and submitting grants to foundations, associations, the government, and other grantors on behalf of nonprofit organizations. Students learn how to identify grant resources through research, compile an effective submission, and write supporting material such as cover letters and appendices. Also covers how grants are reviewed and tips for successful grant submissions.

Term:

Occasional

- **ADPR-489 Political Communication**

Credits:

4.00

Description:

Examination of special circumstances created by politics and their impact on attempts at persuasion. Case studies of famous politicians' political campaigns are combined with discussions of current trends in media and politics.

Term:

Occasional

- **ADPR-491 Special Topics in Advertising, Public Relations, and Social Media**

Credits:

4.00

Description:

Explores current issues in the field.

Term:

Offered Both Fall and Spring

- **ADPR-492 Special Topics in Public Relations**

Credits:

4.00

Description:

Explores current issues in public relations.

Term:

Occasional

- **ADPR-494 Special Topics in Advertising**

Credits:

4.00

Description:

Current issues in the field of advertising. Normally offered every semester.

Term:

Occasional

- **ADPR-503 Experiential Learning in Communication**

Prerequisites:

16 Hrs of CJA coursework or CJA advisor consent

Credits:

1.00-12.00

Description:

Internships and practicum in Advertising, Public Relations & Social Media are available prior to the start of each semester.

Term:

Offered Both Fall and Spring

- **ADPR-506 Honors Seminar**

Prerequisites:

Senior CJA majors with an overall cumulative grade point average of 3.0, and a major GPA of 3.4

Credits:

4.00

Description:

Senior CJN majors meeting requirements for Departmental Honors are invited to participate in this seminar, which entails research and presentation of an approved topic.

Term:

Offered Spring Term

- **ADPR-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00-12.00

Description:

An independent study experience in Advertising, Public Relations & Social Media is available prior to the start of each semester.

Term:

Offered Both Fall and Spring

- **ADPR-2277 Public Relations I: Principles**

Credits:

4.00

Description:

Effective public relations involve an understanding of the history, theory, and practice of public relations including public relations concepts, the role of the practitioner, and the foundations of public relations. This course seeks to provide that foundation as an introduction to the field of public relations. Issues surrounding the history, legality, process, and principles of public relations are explored.

Term:

Offered Both Fall and Spring

- **ADPR-3376 Public Relations II: Research**

Prerequisites:

CJN-2277 (Formerly CJN-277)

Credits:

4.00

Description:

Examines how research aids the public relations practice. Students learn research methods that address public relations planning and problem-solving. Assignments provide students with hands-on practice using research for a PR project.

Term:

Offered Both Fall and Spring

- **ADPR-3377 Public Relations III: Strategic Writing**

Prerequisites:

CJN-2277(formerly CJN-277);

Credits:

4.00

Description:

Focuses on writing principles for public relations including the formulation of clear PR objectives, determining the knowledge of the target audience, and the development of key messages. Students apply these principles to common PR formats, including news releases, pitch letters, biographies, speeches, emails, digital content, and social media posts.

Term:

Offered Both Fall and Spring

- **ADPR-4477 Public Relations IV: Campaigns**

Prerequisites:

ADPR-2277(formerly CJN-2277) and ADPR-3377(formerly CJN-3377) and Senior Standing.

Credits:

4.00

Description:

Examines typical public relations problems experienced by profit and not-for-profit organizations. Provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign plan for a community client.

Term:

Offered Both Fall and Spring



2017-2018 Archived Catalog Information

American Studies

The American Studies minor engages students in the study of historical and contemporary U.S. identities, cultures, and societies. This program allows students to create an individualized course of study that draws on insights and methods from the arts, history, literature, and the social sciences. Each student must complete an introductory course, AMST-111 Defining America and Americans and may select four elective courses that relate in some coherent way. With his/her American Studies minor advisor, a student will identify a particular focus (e.g., an era, a topic, a theme, a region, a population, or a problem in American culture) that he or she wishes to explore closely.

There is no major available in American Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [American Studies Courses](#)

Minor Requirements: 5 courses, 20 credits

Core Requirement (1 course, 4 credits)

- AMST-111 Defining America and Americans

Credits:

4.00

Description:

Examines artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and

methods in the field of American Studies.

Type:

Social & Intellectual HST

Electives (4 courses, 16 credits)

Choose four courses from the following, with no more than eight credits in one department.

Art History

- **ARH-311 American Art**

Credits:

4.00

Description:

Surveys American painting, sculpture, photography and architecture from the colonial period through WWII. Considers works by artists such as Smibert, Copley, West, Stuart, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole, Inness, Sloan, Sullivan, Wright, Hopper, O' Keefe, Dove, Hartley, Bellows, Stieglitz, Weston, and Steichen.

Term:

Occasional

Black Studies

- **BLKST-469 Research Seminar: African American Life in Slavery and Freedom- Reconstruction and the Freedman's Bureau**

Credits:

4.00

Description:

Introduces students to the Reconstruction era in American history, and uses Reconstruction as a bridge to look at enslavement, which preceded the era, and the issue of freedom during, and after the era. In the first half of the class students read from texts that will provide them with an understanding of slavery, emancipation and reconstruction. The second half of the class will utilize on-line collections of the Freedman's Bureau Papers to allow students to use documents to deepen their understanding of the Reconstruction era. The class will also provide a comparative approach by considering questions of citizenship in the 19th century for people of African descent in the United States, Latin America and the Caribbean. This course is identical to HST 469.

Term:

Occasional

Communication and Journalism

- **CJN-365 American Cinema**

Credits:

4.00

Description:

Trends in Hollywood and U.S. independent cinema from 1970 onwards, including maverick directors, Hollywood blockbusters, and, when possible, class visits by New England-based filmmakers.

Term:

Occasional

English

- **ENG-217 American Literature I**

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-218 American Literature II**

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-353 Dwelling in American Realism**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

In-depth exploration of American Realism from the post-Civil War era to the pre-WWI era (roughly 1875 to 1915). Particular emphasis is given to the role of houses and material and consumer culture in the forging of American identity. Authors may include Howells, Twain, James and Wharton among

others. Normally offered alternate years. Students will also visit authors' houses in the Boston area. This course requires prior approval in order to count towards the Women's and Gender Studies Minor. Students should consult with the instructor and the director of the WGS Minor no later than the first week of classes.

Term:

Occasional

- **ENG-355 American Prose 1870 - 1920**

Prerequisites:

WRI-H103 (WRI-H103 requires a minimum grade of B+) or WRI-102

Credits:

4.00

Description:

The revolution in American literary consciousness between the Civil War and the First World War, and the transition from the traditional to the modern, in the work of Mark Twain, Henry James, Stephen Crane, Theodore Dreiser, and others. Normally offered alternate years.

Term:

Occasional

- **ENG-356 Whitman and Dickinson**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An investigation of the lives and works of two of nineteenth-century America's greatest and most original poets. Topics will include types of poetic language and formal structure, the work of the poetic imagination in transforming observations of the world into art, and the ways in which poets

process the idea of death and the reality of war. Finally, this course examines Whitman and Dickinson's impact on American popular culture as well as on the writings of modern poets and literary critics.

Term:

Occasional

- **ENG-357 African-American Literature I**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

African-American writing from the beginning through the present. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **ENG-360 Mid-20th Century American Fiction 1950-1975**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

The course will cover major works of American fiction from the period between World War II and the end of the American war in Vietnam. The course will consider fiction from the Beat Generation, New Journalism, the Black Arts Movement, and postmodernism as well as major writers who aren't easily classified. Possible authors include Ellison, Kerouac, O'Connor, McCarthy, Cheever, Roth, Updike, Didion, Mailer, Bellow, Bambara, Barth, and Pynchon.

Term:

Occasional

- **ENG-362 Asian American Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

Asian Studies

Government

- **GVT-223 American Politics & Institutions**

Prerequisites:

GVT 110 or GVT 120 or instructor's permission

Credits:

4.00

Description:

This course will provide an examination of the institutions that are involved in the American policy-making process. The student will learn about the presidential, (as opposed to the parliamentary) system that exists in the United States. The course will focus on a relationship between the President and Congress and how that relationship impedes or facilitates the public policy process, including the budgetary process. The course will include a discussion of the president's role as head of the executive branch, and the implementation of congressional policies. Attention will be given to the role of the judiciary in the policy process. Normally offered every year.

- **GVT-244 Civil Liberties**

Prerequisites:

Not open to Freshmen

Credits:

4.00

Description:

Analysis of Supreme Court decisions in regard to political and civil rights including freedom of speech, press, assembly and religion, obscenity, race and sex discrimination, and criminal procedure. Normally offered every year.

- **GVT-279 Minority Politics in the United States**

Prerequisites:

Sophomore Status Required

Credits:

4.00

Description:

This course is designed to provide an intensive survey of minority politics in the political development of the United States. We will focus on the historical and contemporary experiences of several groups in American politics. In particular, the course will look at four groups that, for reasons of race, have been subjected to systematic discrimination and political subordination in U.S. history: American Indians, African Americans, Latino Americans, and Asian/Pacific Americans. In this course we will work toward an understanding of American politics from the point of view of politically active and engaged persons of color. This course will also take a close look at the future of race and ethnicity in American politics. It is a fundamental premise of this course that an understanding of race and minority politics is necessary to comprehensively understand American political development and many important issues in contemporary American politics. Cultural Diversity A

- **GVT-346 The American Presidency**

Prerequisites:

GVT 110 AND GVT 120 OR INSTRUCTOR'S CONSENT

Credits:

4.00

Description:

Perspectives on the role and problems of the presidency in American political life; the nature and difficulties of presidential influence and effectiveness, presidential authority within our system of government, and the impact of presidential character. Normally offered alternate years.

- **GVT-355 American Parties & Politics**

Prerequisites:

GVT 110 AND GVT 120, or instructor's consent

Credits:

4.00

Description:

Historical overview of party development in the U.S. and of ideological and political trends as reflected in voting behavior. Recent developments in party structure, electoral strategies and political style. The party crisis vs. the art of political campaigning. Normally offered alternate years.

- **GVT-363 American Foreign Policy**

Prerequisites:

GVT 281 and GVT 261

Credits:

4.00

Description:

A decision-making approach to understanding the domestic and institutional context of U.S. foreign policy. Includes analysis of continuity and change since WWII using case studies of critical decisions, e.g., Korea, Cuba, Vietnam, etc. Not open to freshmen. Prerequisites: GVT 110, GVT 120, GVT 261 or instructor's consent. 1 term - 4 credits. Normally offered every year.

• GVT-434 Immigration Policy and Politics

Prerequisites:

Junior Status required

Credits:

4.00

Description:

This course examines how American governmental institutions, political actors, and processes have both shaped and responded to one of the most significant and complex issues of public policy facing the nation: immigration to the United States. This class will explore a number of intriguing and difficult policy topics related to the almost unprecedented level of immigration that the U.S. has been experiencing. The focus of the class will include the following: admissions, citizenship, deportation and detention (including that of suspected terrorists), refugee/asylum law, and highly contested issues of today, such as definitions of citizenship, immigrant rights, and border enforcement. A major objective of this course is to provide students with the opportunity to conduct their own original research in American politics by delving into some aspect of immigration as a public policy issue.

• GVT-438 Environmental Policy & Politic

Prerequisites:

This course will have a service learning component Junior Status required

Credits:

4.00

Description:

From Rio to the Boston Harbor Project, this course examines the policies and politics of the environment. It examines the origins of the environmental movement in the United States focusing on the development and present function of government and non-government organizations responsible for the development and implementation of global, national, state and local environmental policies.

History

- **HST-271 African-American History 1619-1860**

Credits:

4.00

Description:

Examines the history of Africans in the United States from their arrival in the colonies to the Civil War and the end of legal slavery. Topics examined include: the development of the slave system, African-Americans, and the Declaration of Independence, and the abolition movement.

Term:

Occasional

- **HST-272 African-American History From 1860**

Credits:

4.00

Description:

Examines African American history from the end of slavery to the twenty first century. Topics examined include: Emancipation and Reconstruction, Reconstruction and the Constitution, the Harlem Renaissance, the Civil Rights and Black Power Movements, and African-Americans at the start of the twenty-first century.

Term:

Occasional

- **HST-290 19th Century America**

Credits:

4.00

Description:

Explores the history of the United States from 1810 to 1910. Students study the growth of American institutions, the rise and effects of a market society, westward expansion and Indian affairs, the enlivening of U.S. civic ideals, debates over free labor and slavery, the causes and effects of the Civil War, post-Civil War redefinitions of citizenship, immigration, Progressivism, and the nation's entry on to the world stage.

Term:

Occasional

• HST-292 American Foreign Relations Since 1898

Credits:

4.00

Description:

Surveys the history of the U.S. as a world power. Examines officials' motives and methods, as well as influences on policy in the form of social and economic forces, interest groups, and foreign challenges. Explores public debates over America's role (as well as debates among historians and international relations theorists), and discusses the domestic and foreign impact of America's world role. Major events addressed include the two world wars, the Cold War, Vietnam, and the U.S. recent history of involvement in the Middle East.

Term:

Occasional

• HST-318 History of Sports in America

Credits:

4.00

Description:

This class will look at the history of sports in America from the era of American independence to the present. This course will examine the various roles which sports has played in American society including entertainment, cultural, social, political, and business.

Term:

Occasional

- **HST-319 The History of Black Music in America**

Credits:

4.00

Description:

Using music as a window this class explores the history of Black America as well as the history of all America. Through a combination of texts, videos, and recordings this class examines the music of Black America, from it's African roots to hip hop in the 21st century. This will be done in the context and communities in which black music was created and performed, and also in relationship to the wider world.

Term:

Occasional

- **HST-333 The United States: 1898-1945**

Credits:

4.00

Description:

Addresses social, intellectual, and cultural developments as well as politics and economics; foreign relations (and their connection to the domestic scene) are also discussed. Topics include: the labor movement, civil rights, woman suffrage, progressivism, the rise of the U.S. as a world power, the First World War, the cultural and social crosscurrents of the nineteen-twenties, Fordism, new developments in advertising and industrial engineering, the Great Depression, the New Deal, and World War II.

Term:

Occasional

- **HST-334 The United States: 1945-1970**

Credits:

4.00

Description:

American history in the decades immediately following World War II. Topics include the origins of the Cold War, McCarthyism, the emergence of a consumer society, the growth of the suburbs, the Civil Rights movement, the new women's movement, Vietnam, and the political upheavals of the 1960s.

Term:

Occasional

- **HST-335 The United States Since 1970**

Credits:

4.00

Description:

Examines the transformation of America in the decades since the early nineteen-seventies, taking up social, intellectual, and cultural developments as well as politics and economics; foreign relations (and their connection to the domestic scene) are also emphasized. Topics include: Watergate, the aftermath of the Vietnam War, the end of the post-World War II economic boom, the culture wars, the rise of the New Right and decline of the New Deal order, the end of the cold War, America's growing involvement in the Middle East globalization, the impact and aftermath of 9/11, and the Great Recession of the early twenty-first century.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-H359 The Age of Franklin**

Prerequisites:

Permission of the Instructor required.

Credits:

4.00

Description:

Benjamin Franklin (1706-1790) rose from relative poverty and obscurity to become one of the most powerful and successful men of his century. Examines the political, scientific, and literary, an diplomatic cultures of the eighteenth century by focusing on Franklin's life, reading Franklin's Autobiography, and selections from his political, scientific, and satirical writings. This is an Honors-level course.

Term:

Occasional

Type:

Honors

- **HST-368 Boston's Historic Houses**

Credits:

4.00

Description:

Working with historic houses in Boston, students will learn that art of interpreting history. Using collections, archives, and other repositories, students will research the houses and the people who lived in them. Many of these houses have existed from colonial times and had various uses. Formerly:HST 368 Introduction to Historical Interpretation.

Term:

Occasional

- **HST-371 U.S. Women's History Colonial to 1865**

Credits:

4.00

Description:

Traces the roles, images and experiences of women in America from colonial times to 1865. Topics include the family, work, religion, education, health care, motherhood, sexuality, social and political activism legal status, labor activism and popular culture. With attention to ethnicity, race, class, age, region of residence, disability and sexual orientation, the course focuses primarily on the everyday lives of ordinary women.

Term:

Offered Fall Term

- **HST-372 U.S. Women's History: 1865-present**

Credits:

4.00

Description:

Examines the social and cultural history of women in the United States from the close of the Civil War to the present. Using not only gender but also race, ethnicity, class, age, disability, region of residence, and sexual orientation as important categories of analysis, this course focuses on women's private and public lives. Topics include the family, work, religion, education, health care, private lives, motherhood, sexuality, social and political activism, legal status, labor activism, and popular culture.

Term:

Offered Spring Term

- **HST-381 American Colonial History**

Credits:

4.00

Description:

Explores the founding and settlement of North America; the social, economic, and political development of European colonies and their interactions with Native People; the social religious, and cultural world of early America; witchcraft, slavery, and warfare; the British-French struggle for control of the North American continent; and the background and causes of the American Revolution.

Term:

Occasional

- **HST-383 Boston: Heritage of a City**

Prerequisites:

One History course

Credits:

4.00

Description:

Boston from its foundation in 1630 to its development as a 21st century metropolis. From the Massachusetts Bay Colony, to cradle of the American Revolution, to a Yankee merchant capital, Brahmin cultural center, and immigrant melting pot. When offered in the hybrid format, this course will meet at the regularly-scheduled time, but lectures and other course materials will be available on the course Blackboard site in case you cannot attend.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

• HST-389 Creating the Constitution

Prerequisites:

Sophomore Standing Required

Credits:

4.00

Description:

Investigates the development of American constitutional government, from the political crisis of the 1780s to the Civil War. The problems of individual liberty versus government power; state rights; race and slavery; war powers; pluralism.

Term:

Occasional

- **HST-392 American Civil War and Reconstruction**

Credits:

4.00

Description:

Examines the biggest war in American History; from the antebellum reform and expansion movements, slavery and the deepening sectional crisis of the 1850s. Analyzes violent war and Reconstruction to 1877.

Term:

Occasional

- **HST-395 US History: Race and Ethnicity**

Prerequisites:

Permission of Instructor Required

Credits:

4.00

Description:

Explores the history of the United States from perspectives of some of America's racial and ethnic groups. Through readings, writings, and discussions students will examine the history of difference and diversity in the United States.

Term:

Occasional

- **HST-469 Research Seminar: African American Life in Slavery and Freedom- Reconstruction and the Freedman's Bureau**

Credits:

4.00

Description:

Introduces students to the Reconstruction era in American history, and uses Reconstruction as a bridge to look at enslavement, which preceded the era, and the issue of freedom during, and after the era. In the first half of the class students read from texts that will provide them with an understanding of slavery, emancipation and reconstruction. The second half of the class will utilize on-line collections of the Freedman's Bureau Papers to allow students to use documents to deepen their understanding of the Reconstruction era. The class will also provide a comparative approach by considering questions of citizenship in the 19th century for people of African descent in the United States, Latin America and the Caribbean. This course is identical to BLKST 469.

Term:

Occasional

- **HST-471 Self, Body, & Sexuality- U.S. History**

Credits:

4.00

Description:

This course examines American debates over the natures, capacities, and responsibilities of men and women from settlement of the New World through the present. Emphasis is given to three elements of the self: social and civic personhood, the body, and sexuality. We will focus on representations of womanhood and masculinity - across racial, ethnic, and class lines - and their effects on men and women in society, politics, and at law. Course readings will also examine concepts of human nature and the interplay among mind, body, and sexuality.

Term:

Occasional

- **HST-494 Politics and Protest**

Credits:

4.00

Description:

Examines the impact of organized reform movements on American history from the 1800s to the twenty first century. In each era presented, students will explore the various dynamics that impact reform.

Term:

Occasional

Music History

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Surveys American music from Colonial times to the present; various attempts to create an indigenous musical style; vernacular and art music genres including folk, concert, and religious music, jazz and musical theatre; includes music of Billings, Amy Beach, Ives, Copland, Bernstein, and Libby Larsen. Normally offered yearly.

Term:

Alternates Fall & Spring

- **MUH-227 Jazz and Blues**

Credits:

4.00

Description:

Follows the evolution of jazz from blues and ragtime through Dixieland, Swing, Bebop, Cool, Latin, Modern, Free, Fusion, and Avant-Garde to Post-modern expressions of the present; the contributions of major soloists, arrangers, composers, leaders, and bands. Normally offered every year.

Term:

Occasional

Philosophy

- **PHIL-263 Native American Religion**

Credits:

4.00

Description:

This course is an examination of Native American (Indian) religious experience, both the similarities and differences among the myths and rituals of the major tribes which comprise the background of our nation's history of Western migration and settlement. The emphasis will be on understanding how life was experienced by these peoples through a close look at the philosophical meanings of their mythology and ethics. 1 term - 4 credits. Normally offered alternate years. C a

Term:

Occasional

Psychology

- **PSYCH-241 Social Psychology**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Studies the social determinants of the behavior of individuals in relation to groups and surveys current research findings in such major content areas as attribution, prejudice, conformity, obedience, social cognition, interpersonal attraction, altruism, and aggression. Normally offered every semester.

Term:

Offered Both Fall and Spring

Sociology

- **SOC-227 Race in American Society**

Credits:

4.00

Description:

Despite the election of Barack Obama as President of the United States, race remains one of the most divisive forces in U.S. society. While many of us struggle against racism, racial classification continues to affect where we live, where we work, and how we see ourselves. Racial classification affects our access to health care and our encounters with police officers. Distorted images of racial groups fill television and movie screens. Appeals to racism and fear of foreigners are dominant themes in elections to state and national offices. This course examines the formation and re-formation of racial classifications: how particular groups become racially identified, how these classifications change over time, and how conflicts over race have shaped American society. The meanings of race, as seen from a variety of perspectives, will be a consistent theme throughout the course.

Term:

Occasional

- **SOC-238 Cops & Robbers: Crime on Film**

Credits:

4.00

Description:

An examination of images of crime and justice portrayed in the American cinema. Special attention is paid to the social and historical forces that have shaped popular representations of good and evil during the modern era.

Term:

Occasional

- **SOC-275 Women and Crime**

Credits:

4.00

Description:

This course examines the complex relationships between women and crime today. This focus will include women as criminal offenders; women as victims of crime; and women as both offenders and victims. Course materials draw from recent feminist scholarship on these issues in the social sciences. Topics include the causes of women's crime women, drugs, and crime; child abuse and trauma; prostitution and sex trafficking; race, gender and victimization; and feminist social movements against violence. Crimes of violence against women are a central focus in the course.

Term:

Occasional

- **SOC-325 Popular Culture in America**

Prerequisites:

Prerequisite: SOC 113 or SOC 116.

Credits:

4.00

Description:

An investigation of the images of life provided by mass communications, the educational system and official culture. Topics include: the growth of the youth culture since the 1950s; images of working people; women, minorities and advertising; changing ideas of success; consciousness-raising and contra-cultures.

Term:

Occasional

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

American Studies

The American Studies minor engages students in the study of historical and contemporary U.S. identities, cultures, and societies. This program allows students to create an individualized course of study that draws on insights and methods from the arts, history, literature, and the social sciences. Each student must complete an introductory course, AMST-111 Defining America and Americans and may select four elective courses that relate in some coherent way. With his/her American Studies minor advisor, a student will identify a particular focus (e.g., an era, a topic, a theme, a region, a population, or a problem in American culture) that he or she wishes to explore closely.

There is no major available in American Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [American Studies Courses](#)

- AMST-101 American History and Culture

Credits:

4.00

Description:

This course offers a basic introduction to American culture and society through the study of American History. The city of Boston and its extraordinary history and institutions will be at the heart of the class and students will frequently visit sites close to the campus. Topics will focus on areas such as the way people from different cultures have understood and misunderstood each other; the evolution of American politics and political institutions; the American Revolution and the founding documents and institutions of the United States; the distinct forms of American religion, American literature and the American economy; slavery and race in American society; the rise of America to world power; the changing role of women; the New Deal and the rise of the modern welfare state; immigration; the development of popular culture; and the meaning of Donald Trump.

- AMST-111 Defining America and Americans

Credits:

4.00

Description:

Examines artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and methods in the field of American Studies.

Type:

Social & Intellectual HST



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Art & Design Foundation Studies

The Foundation Studies program or its equivalent is generally a prerequisite for major-specific coursework.

Foundation Studies Course Codes and Sequencing

The letter “S” preceding a course number indicates a studio course. A studio fee is assessed for all studio courses.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Requirements](#)
- [Foundation Studies Minor Requirements](#)
- [Foundation Courses](#)

Requirements: 8-10 courses, 26-32 credits

- ADF-S101 Foundation Drawing I

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADF-S102 Foundation Drawing II**

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the nude human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

- **ADF-S152 3-Dimensional Design**

Prerequisites:

ADF S151 or ADF S166; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

• ADF-S166 2D/Color

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

Type:

Arts Admin Minor Elective

• ADF-S172 CI: Integrated Studio II

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

Type:

Creativity and Innovation

- **ARH-101 Art History I**

Credits:

4.00

Description:

Surveys the art of Western civilization from prehistoric caves to medieval cathedrals. Considers works from the Ancient Near East, Ancient Egypt, Ancient Greece and Rome, the Byzantine Era, the Romanesque Period, and the Gothic Period in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-102 Art History II**

Credits:

4.00

Description:

Surveys the art of Europe and America from the Renaissance to the present. Considers work of painting, sculpture, and architecture from periods such as the Renaissance, the Baroque, the Rococo, Neoclassicism, Romanticism, Impressionism, Abstract Impressionism, and Post-Modernism in

their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

Fine Arts majors add:

- **ADF-S171 CI: Integrated Studio 1**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

Type:

Creativity and Innovation, Arts Admin Minor Elective

Graphic Design majors add:

- **ADF-S156 Imaging**

Prerequisites:

ADF S166; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

Digital visual image generation and modification, especially when combined with traditional hand techniques, are essential skills for artists and designers of the 21st century. This course introduces techniques of image capture, manipulation and output. Weekly and longer-length assignments will address creative and innovative idea generation using these approaches.

Term:

Offered Both Fall and Spring

• ADF-S171 CI: Integrated Studio 1

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

Type:

Creativity and Innovation, Arts Admin Minor Elective

Interior Design majors add:

• ADI-S106 Interior Design Communications

Prerequisites:

Take ADF-S101 ADI-S108 OR ADI-S205;

Credits:

3.00

Description:

Interior Design Communications teaches students how drawing media, observational drawing, perspective theory, color and design graphics can be integrated into the designer's process. In addition to exploring contrast, accent, reflection, shade and shadow, the course underscores the importance of freehand sketching as a tool to foster intellectual inquiry and convey design concepts to a wider audience. The course introduces students to manual and digital methods for composing work for conceptual expression, technical drawing presentation, and portfolio purposes.

Term:

Offered Both Fall and Spring

- **ADI-S107 Spatial Graphics**

Credits:

3.00

Description:

Students will be exposed to a range of software applications commonly used in the design industry. Exercises will be used to enhance compositional skills, demonstrate the effective utilization of color and how to integrate images, drawings and vector graphics. Work will be presented in a variety of formats common to studio and client presentations. Students will compose multi-page documents and develop an understanding of appropriate file hierarchies. Exercises expose students to the experiential qualities of design through an exploration of signs, symbols and maps. In addition to 2D graphic solutions, vector graphics for generating 3D artifacts using digital fabrication tools, will be employed.

- **ADI-S110 Digital Orthographics**

Credits:

3.00

Description:

This course will provide students with an understanding of orthographic principles and their importance to spatial thinking and design communication. Students will produce manual drawings in order to manipulate scale. Students will employ Computer Aided Drafting (CAD) software to create measured architectural plans, elevations and sections. The course will introduce students to file management skills and develop proficiency in using cloud based resources. Students will employ virtual workspaces to conduct work in, and out of class. Vector graphic software will also be used to compose work, manipulate technical drawings and illustrate plans and sections for portfolio use.

Term:

Offered Both Fall and Spring



2017-2018 Archived Catalog Information

Art & Design Foundation Studies

The Foundation Studies program or its equivalent is generally a prerequisite for major-specific coursework.

Foundation Studies Course Codes and Sequencing

The letter “S” preceding a course number indicates a studio course. A studio fee is assessed for all studio courses.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Requirements](#)
- [Foundation Studies Minor Requirements](#)
- [Foundation Courses](#)

Minor Requirements: 6 courses, 18 credits

BFA candidates cannot pursue a Foundation Studies minor.

- ADF-S101 Foundation Drawing I

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• **ADF-S102 Foundation Drawing II**

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the nude human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

• **ADF-S152 3-Dimensional Design**

Prerequisites:

ADF S151 or ADF S166; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

• ADF-S166 2D/Color

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

Type:

Arts Admin Minor Elective

• ADF-S172 CI: Integrated Studio II

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

Type:

Creativity and Innovation

Choose one of the following:

- **ADF-S171 CI: Integrated Studio 1**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

Type:

Creativity and Innovation, Arts Admin Minor Elective

- **ADI-S107 Spatial Graphics**

Credits:

3.00

Description:

Students will be exposed to a range of software applications commonly used in the design industry. Exercises will be used to enhance compositional skills, demonstrate the effective utilization of color and how to integrate images, drawings and vector graphics. Work will be presented in a variety of formats common to studio and client presentations. Students will compose multi-page documents and develop an understanding of appropriate file hierarchies. Exercises expose students to the experiential qualities of design through an exploration of signs, symbols and maps. In addition to 2D graphic solutions, vector graphics for generating 3D artifacts using digital fabrication tools, will be employed.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Art & Design Foundation Studies

The Foundation Studies program or its equivalent is generally a prerequisite for major-specific coursework.

Foundation Studies Course Codes and Sequencing

The letter “S” preceding a course number indicates a studio course. A studio fee is assessed for all studio courses.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Requirements](#)
- [Foundation Studies Minor Requirements](#)
- [Foundation Courses](#)

• ADF-110 Discovering Boston's Art and Design

Credits:

2.00

Description:

Explore, investigate and savor Boston's rich variety of visual art and design with Professor Brown, New England School of Art & Design Program Director and practicing multi-media artist, as your guide. Visit museums, galleries and artists' studios and meet professional designers in their work spaces. Exercise your own creativity too, with fun cell phone photo tours of the Boston waterfront and the Italian North End and Beacon Hill neighborhoods. Throughout the course, you will create a visual journal in collage to record your own unique experiences in Boston's world of art and design. A studio fee of \$40 applies. This course does not fulfill core requirements.

- **ADF-181 Ideas of Western Art I**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from prehistoric to the Early Renaissance. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Fall Term

- **ADF-182 Ideas of Western Art II**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from Renaissance to contemporary art. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Spring Term

- **ADF-S101 Foundation Drawing I**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADF-S102 Foundation Drawing II**

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the nude human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

- **ADF-S123 Painting**

Prerequisites:

ADF S101, ADF S166

Credits:

3.00

Description:

In this introductory course, students will learn to accurately perceive relationships of shape, form, color and value, and to translate that information through the medium of paint. In a series of in-class and outside projects on canvas, prepared paper and panel, students will explore various approaches to the use of acrylic and oil paint. Emphasis will be placed on the development of disciplined technical skills as well as the exploration of painting's potential as a medium of communication and creative visual expression.

Term:

Offered Spring Term

• ADF-S152 3-Dimensional Design

Prerequisites:

ADF S151 or ADF S166; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

• ADF-S156 Imaging

Prerequisites:

ADF S166; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

Digital visual image generation and modification, especially when combined with traditional hand techniques, are essential skills for artists and designers of the 21st century. This course introduces techniques of image capture, manipulation and output. Weekly and longer-length assignments will address creative and innovative idea generation using these approaches.

Term:

Offered Both Fall and Spring

• ADF-S166 2D/Color

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

Type:

Arts Admin Minor Elective

• ADF-S171 CI: Integrated Studio 1

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

Type:

Creativity and Innovation, Arts Admin Minor Elective

• ADF-S172 CI: Integrated Studio II

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

Type:

Creativity and Innovation

• ARH-101 Art History I

Credits:

4.00

Description:

Surveys the art of Western civilization from prehistoric caves to medieval cathedrals. Considers works from the Ancient Near East, Ancient Egypt, Ancient Greece and Rome, the Byzantine Era, the Romanesque Period, and the Gothic Period in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-102 Art History II**

Credits:

4.00

Description:

Surveys the art of Europe and America from the Renaissance to the present. Considers work of painting, sculpture, and architecture from periods such as the Renaissance, the Baroque, the Rococo, Neoclassicism, Romanticism, Impressionism, Abstract Impressionism, and Post-Modernism in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring



2017-2018 Archived Catalog Information

Art History

The Art History major and minor are offered through the World Languages & Cultural Studies Department.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Art History Courses](#)

Major Requirements: 11 courses, 39-41 credits

Core Requirements (3 courses, 9 credits)

- ARH-101 Art History I

Credits:

4.00

Description:

Surveys the art of Western civilization from prehistoric caves to medieval cathedrals. Considers works from the Ancient Near East, Ancient Egypt, Ancient Greece and Rome, the Byzantine Era, the Romanesque Period, and the Gothic Period in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-102 Art History II**

Credits:

4.00

Description:

Surveys the art of Europe and America from the Renaissance to the present. Considers work of painting, sculpture, and architecture from periods such as the Renaissance, the Baroque, the Rococo, Neoclassicism, Romanticism, Impressionism, Abstract Impressionism, and Post-Modernism in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **CAS-201 College to Career: Explore Your Options And Find Your Path**

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

Electives (8 courses, 30-32 credits)

Students must complete eight electives: six or more from the following, and up to two from the Related Options list.

At least one of the upper-level courses must be an ARH 400-level seminar in Art History or ARH-502 Honors Thesis.

- **ARH-205 Gender, Class and Alterity in Ancient And Medieval Art**

Credits:

4.00

Description:

Explores issues of sexuality, gender, race, and social class in the ancient and medieval worlds. Examines key artworks from ancient Greece, the Roman Empire and medieval Europe within historical, social and cultural contexts.

- **ARH-305 Art of Greece and Rome**

Credits:

4.00

Description:

Examines the civic, religious, and domestic art and architecture of the Ancient Mediterranean cultures of Greece and Rome. Considers temples, forums, basilicas, city planning, sculpture, pottery, wall painting, mosaics, and engineering achievements in their cultural contexts.

Term:

Occasional

Type:

Classics Minor

- **ARH-307 Art of the Italian Renaissance**

Credits:

4.00

Description:

Examines painting, sculpture and architecture of the 14th, 15th, and 16th centuries in Italy in their cultural context. Artists include Giotto, Masaccio, Donatello, Leonardo da Vinci, Raphael, Michelangelo, and Titian.

Term:

Occasional

- **ARH-308 Art of the Baroque & Rococo**

Credits:

4.00

Description:

Explores painting, sculpture and architecture in Italy, Spain and Northern Europe during the 17th and 18th century. Works by Rembrandt, Rubens, Caravaggio, Bernini, Poussin, Velasquez, Watteau, Boucher, Fragonard, Chardin, Hogarth and others considered within their historical contexts.

Term:

Occasional

- **ARH-309 Art of the 19th Century**

Credits:

4.00

Description:

Examines Neoclassicism, Romanticism, Realism and Impression in the European painting. Considers works by artists such as David, Ingres, Friedrich, Constable, Delacroix, Goya, Courbet, Millet, Daumier, Manet, Monet, Renoir, Degas, and Cassatt within their historical contexts.

Term:

Occasional

- **ARH-310 Modernism in Art**

Credits:

4.00

Description:

Examines European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, The Bauhaus, Dada, and Surrealism. Considers works by artists such as Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Mondrian, Duchamp, Magritte, Dali, and Ernst within their historical contexts.

- **ARH-311 American Art**

Credits:

4.00

Description:

Surveys American painting, sculpture, photography and architecture from the colonial period through WWII. Considers works by artists such as Smibert, Copley, West, Stuart, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole, Inness, Sloan, Sullivan, Wright, Hopper, O' Keefe, Dove, Hartley, Bellows, Stieglitz, Weston, and Steichen.

Term:

Occasional

- **ARH-312 Art of the Northern Renaissance**

Credits:

4.00

Description:

Examines painting, sculpture, and architecture of the 14th,15th and 16th centuries in Northern Europe, within their historical context. Topics include the rise of oil painting, the development of woodcut and engraving, the effect of the Reformation on art. Artists include van Eyck, Bosch, Durer, Holbein and Brueghel.

Term:

Occasional

- ARH-316 Contemporary Art

Credits:

4.00

Description:

Explores European and American art since WWII, including Abstract Expressionism, Colorfield Painting, Pop Art, Minimalism, Neo-Dada, Performance Art, Feminism, Neo-Expressionism and Post-Modernism. Artists include Bacon, Giacometti, Pollock, De Kooning, Frankenthaler, Rothko, Stella, Judd, Calder, David Smith, Serra, Johns, Rauschenberg, Warhol, Lichtenstein, Smithson, Christo, Nevelson, Kosuth, Kruger, Sherman, Basquiat, Kiefer, and Haring.

Term:

Occasional

Type:

Arts Admin Minor Elective

- ARH-318 Art and Museums Today

Credits:

4.00

Description:

Examines the art world of the past few decades with special attention to the roles and exhibition practices of contemporary art museums and galleries. Considers the major artists and trends in today's art world, the history of museums, and the effect of museums on art produced today. Students will visit local museums, including the Institute of Contemporary Art (ICA) individually and in groups. This course fulfills the ECR requirement.

Term:

Offered Fall Term

Type:

Arts Admin Minor Elective

- ARH-321 Women, Art & Society

Credits:

4.00

Description:

Surveys women artists from the sixteenth century to the present and examines new direction in art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

- ARH-404 Seminar in Art History: Caravaggio

Prerequisites:

Permission of instructor required

Credits:

4.00

Description:

Explores the art of Caravaggio within the historical context of the Early Baroque period in Italy. The course emphasizes research skills and the methodology of art history. Designed as a foundation for students intending to pursue a career in the world of art and/or museums.

- ARH-406 Seminar in Art History: Bernini

Prerequisites:

Instructor's consent required.

Credits:

4.00

Description:

Explores the art of Gian Lorenzo Bernini, arguably the most important and influential figure in the world of 17th-century art. Designed for art history majors & minors, the seminar explores Bernini's career within the context of the religious, political, and artistic upheavals of his time; it also helps students develop research skills and provides a foundation that will be valuable for anyone pursuing a career in the world of art and museums.

- **ARH-411 Seminar in Art History: Impressionism**

Prerequisites:

Permission of instructor required

Credits:

4.00

Description:

Explores the Impressionist movement of the late nineteenth-century, including Monet, Renoir, and Pissaro, within its historical context. The course emphasizes research skills and the methodology of art history. Designed as a foundation for students intending to pursue a career in the world of art and/or museums.

- **ARH-502 Honors Thesis**

Prerequisites:

Senior standing & permission of the Dept.Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Occasional

- **ARH-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Students meet with a departmental faculty member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Related Options

Two of the eight upper-level courses may be taken outside of the Department of World Languages & Cultural Studies, through the art history offerings at NESAD, or in related areas of visual culture such as the philosophy of art, photojournalism, advertising, cinema, and select 3-credit studio art and design courses, such as the following:

- **ADF-S101 Foundation Drawing I**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• ADF-S123 Painting

Prerequisites:

ADF S101, ADF S166

Credits:

3.00

Description:

In this introductory course, students will learn to accurately perceive relationships of shape, form, color and value, and to translate that information through the medium of paint. In a series of in-class and outside projects on canvas, prepared paper and panel, students will explore various approaches to the use of acrylic and oil paint. Emphasis will be placed on the development of disciplined technical skills as well as the exploration of painting's potential as a medium of communication and creative visual expression.

Term:

Offered Spring Term

• ADF-S152 3-Dimensional Design

Prerequisites:

ADF S151 or ADF S166; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

- **ADFA-304 Art and Architecture of the Italian Renaissance**

Prerequisites:

ADF-182 and the Fine Art Program Director's consent.

Credits:

4.00

Description:

This course introduces the students to Italian Renaissance art, artists and culture from the first evidence in the Italian Gothic (around the 1260's) to the Early and High Renaissance, predominantly in Florence and Venice, up to the 1600's. The course will survey the history of painting, sculpture and architecture as we study the works individually, for their formal elements and visual importance, but also within their aesthetic, historic, political and cultural context. Class discussion and a visual analysis of works of art will encourage personal interpretation and critical thinking. A list of terms related to the Renaissance introduces the language of art. Normally offered during the summer. Offered in Italy only.

- **ADPR-257 Advertising**

Credits:

4.00

Description:

A survey course that introduces students to advertising concepts and practices from the perspective of agencies, clients, the media, and consumers. Students learn to think critically about advertising messages and learn practical techniques for developing effective advertising in various media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ARH-290 Internship in Art History**

Prerequisites:

ARH-101 and ARH-102 and Instructor consent

Credits:

1.00- 4.00

Description:

Designed to accompany an internship at a local museum, gallery, archive, or other art institution, this independent study course will carry variable credit depending on the number of hours devoted to the internship and the related academic work done by the student. Interested students should consult the instructor as they are applying for internships.

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

- **CJN-288 Film Language: From Silents to Citizen Kane**

Credits:

4.00

Description:

Film history from 1895 - 1940. An introduction to the language and technology of cinema as developed by pioneering filmmakers, and a basic discussion of aesthetics and criticism of film. Key films from the silent era through Orson Welles' Citizen Kane.

Term:

Offered Both Fall and Spring

- **CJN-291 Film Studies: the Modern Era**

Credits:

4.00

Description:

Film history mostly from 1940 until 1970. Includes an emphasis on film aesthetics, criticism, and history from World War II through the end of the Hollywood studio system; from film noir to Italian Neo-Realism to the French New Wave.

Term:

Alternates Fall & Spring

- **GER-306 German Cinema**

Credits:

4.00

Description:

A survey of films produced in the German speaking countries from the 1920's to the present. Includes the Weimar republic, the Nazi period, postwar production from both East and West Germany, and new trends since reunification. Film esthetics and socio-historical context. All films shown in German with English subtitles.

Term:

Occasional

- **FR-220 French & Francophone Cinema**

Credits:

4.00

Description:

Discusses and deepens understanding of French and Francophone cinema from its origins in the late nineteenth century to the early twenty-first century. Explores early works from France, by the Lumiere Brothers and Georges Melies as well as contemporary films from France, Algeria, Burkina Faso, Canada, Haiti, and Senegal.

Term:

Occasional

- **SPAN-408 Latin American Cinema**

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

• PHIL-219 Philosophy of Art

Credits:

4.00

Description:

What counts as art? What is beauty? Are there objective standards of beauty? This course examines the nature of aesthetic experience, art, beauty, and creativity. Through the classic and contemporary readings, the students will be introduced to philosophical issues concerning the meaning of art, artistic representation, perceptions of art, interpretation, and criticism. Students will be encouraged to reflect on their own experience of art and explore the relationships among the artist, the audience, the artwork, and the world. 1 term - 4 credits. Normally offered every third year.

Notes:

- A relevant Seminar for Freshmen with a strong concentration in art history or visual culture may also count toward one of the related options at the discretion of the major advisor.
- Upper-level Art History courses taken at other institutions or through study abroad must be approved by the student's Art History advisor (preferably prior to being taken), and must not overlap significantly with any other upper-level Art History course(s) counted toward the major.
- Except under special circumstances approved by the student's Art History advisor, at least six of the 11 courses (24 of the 39-41 credit hours) must be fulfilled through coursework offered by the World Languages & Cultural Studies Department.
- AP credit cannot be applied toward the major.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Art History

The Art History major and minor are offered through the World Languages & Cultural Studies Department.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Art History Courses](#)

Minor Requirements: 5 courses, 20 credits

Core Requirements (2 courses, 8 credits)

- ARH-101 Art History I

Credits:

4.00

Description:

Surveys the art of Western civilization from prehistoric caves to medieval cathedrals. Considers works from the Ancient Near East, Ancient Egypt, Ancient Greece and Rome, the Byzantine Era, the Romanesque Period, and the Gothic Period in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-102 Art History II**

Credits:

4.00

Description:

Surveys the art of Europe and America from the Renaissance to the present. Considers work of painting, sculpture, and architecture from periods such as the Renaissance, the Baroque, the Rococo, Neoclassicism, Romanticism, Impressionism, Abstract Impressionism, and Post-Modernism in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

Upper Level Course Requirement (3 courses, 12 credits)

Choose three of the following:

- **ARH-205 Gender, Class and Alterity in Ancient And Medieval Art**

Credits:

4.00

Description:

Explores issues of sexuality, gender, race, and social class in the ancient and medieval worlds. Examines key artworks from ancient Greece, the Roman Empire and medieval Europe within historical, social and cultural contexts.

- **ARH-305 Art of Greece and Rome**

Credits:

4.00

Description:

Examines the civic, religious, and domestic art and architecture of the Ancient Mediterranean cultures of Greece and Rome. Considers temples, forums, basilicas, city planning, sculpture, pottery, wall painting, mosaics, and engineering achievements in their cultural contexts.

Term:

Occasional

Type:

Classics Minor

- **ARH-307 Art of the Italian Renaissance**

Credits:

4.00

Description:

Examines painting, sculpture and architecture of the 14th, 15th, and 16th centuries in Italy in their cultural context. Artists include Giotto, Masaccio, Donatello, Leonardo da Vinci, Raphael, Michelangelo, and Titian.

Term:

Occasional

- **ARH-308 Art of the Baroque & Rococo**

Credits:

4.00

Description:

Explores painting, sculpture and architecture in Italy, Spain and Northern Europe during the 17th and 18th century. Works by Rembrandt, Rubens, Caravaggio, Bernini, Poussin, Velasquez, Watteau, Boucher, Fragonard, Chardin, Hogarth and others considered within their historical contexts.

Term:

Occasional

- **ARH-309 Art of the 19th Century**

Credits:

4.00

Description:

Examines Neoclassicism, Romanticism, Realism and Impression in the European painting. Considers works by artists such as David, Ingres, Friedrich, Constable, Delacroix, Goya, Courbet, Millet, Daumier, Manet, Monet, Renoir, Degas, and Cassatt within their historical contexts.

Term:

Occasional

- **ARH-310 Modernism in Art**

Credits:

4.00

Description:

Examines European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, The Bauhaus, Dada, and Surrealism. Considers works by artists such as Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Mondrian, Duchamp, Magritte, Dali, and Ernst within their historical contexts.

- **ARH-311 American Art**

Credits:

4.00

Description:

Surveys American painting, sculpture, photography and architecture from the colonial period through WWII. Considers works by artists such as Smibert, Copley, West, Stuart, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole, Inness, Sloan, Sullivan, Wright, Hopper, O' Keefe, Dove,

Hartley, Bellows, Stieglitz, Weston, and Steichen.

Term:

Occasional

- **ARH-312 Art of the Northern Renaissance**

Credits:

4.00

Description:

Examines painting, sculpture, and architecture of the 14th, 15th and 16th centuries in Northern Europe, within their historical context. Topics include the rise of oil painting, the development of woodcut and engraving, the effect of the Reformation on art. Artists include van Eyck, Bosch, Durer, Holbein and Brueghel.

Term:

Occasional

- **ARH-316 Contemporary Art**

Credits:

4.00

Description:

Explores European and American art since WWII, including Abstract Expressionism, Colorfield Painting, Pop Art, Minimalism, Neo-Dada, Performance Art, Feminism, Neo-Expressionism and Post-Modernism. Artists include Bacon, Giacometti, Pollock, De Kooning, Frankenthaler, Rothko, Stella, Judd, Calder, David Smith, Serra, Johns, Rauschenberg, Warhol, Lichtenstein, Smithson, Christo, Nevelson, Kosuth, Kruger, Sherman, Basquiat, Kiefer, and Haring.

Term:

Occasional

Type:

- **ARH-318 Art and Museums Today**

Credits:

4.00

Description:

Examines the art world of the past few decades with special attention to the roles and exhibition practices of contemporary art museums and galleries. Considers the major artists and trends in today's art world, the history of museums, and the effect of museums on art produced today. Students will visit local museums, including the Institute of Contemporary Art (ICA) individually and in groups. This course fulfills the ECR requirement.

Term:

Offered Fall Term

Type:

Arts Admin Minor Elective

- **ARH-321 Women, Art & Society**

Credits:

4.00

Description:

Surveys women artists from the sixteenth century to the present and examines new direction in art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

- **ARH-404 Seminar in Art History: Caravaggio**

Prerequisites:

Permission of instructor required

Credits:

4.00

Description:

Explores the art of Caravaggio within the historical context of the Early Baroque period in Italy. The course emphasizes research skills and the methodology of art history. Designed as a foundation for students intending to pursue a career in the world of art and/or museums.

- **ARH-406 Seminar in Art History: Bernini**

Prerequisites:

Instructor's consent required.

Credits:

4.00

Description:

Explores the art of Gian Lorenzo Bernini, arguably the most important and influential figure in the world of 17th-century art. Designed for art history majors & minors, the seminar explores Bernini's career within the context of the religious, political, and artistic upheavals of his time; it also helps students develop research skills and provides a foundation that will be valuable for anyone pursuing a career in the world of art and museums.

- **ARH-411 Seminar in Art History: Impressionism**

Prerequisites:

Permission of instructor required

Credits:

4.00

Description:

Explores the Impressionist movement of the late nineteenth-century, including Monet, Renoir, and Pissaro, within its historical context. The course emphasizes research skills and the methodology of art history. Designed as a foundation for students intending to pursue a career in the world of art and/or museums.

Notes:

- Upper-level Art History courses taken at other institutions or through study abroad must be approved by the student's Art History advisor (preferably prior to being taken), and must not overlap significantly with any other upper-level Art History course(s) counted toward the minor.
- Except under special circumstances approved by the student's Art History advisor, at least four of the six courses (16 of the 24 credit hours) must be fulfilled through coursework offered by the World Languages & Cultural Studies Department.
- AP credit cannot be applied toward the minor.
- The Art History requirement for the BFA degree (ARH 101, ARH 102) and one additional Art History course required by a BFA major may be used to satisfy the requirements of the minor in Art History.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Art History

The Art History major and minor are offered through the World Languages & Cultural Studies Department.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Art History Courses](#)

In order to be considered for honors in Art History, a student must satisfy the following criteria:

- Students interested in honors should consult with the department chair during the spring semester of their junior year. Qualifying students must have a 3.2 overall GPA as well as a 3.5 overall GPA in their major coursework.
- Honors candidates should register for ARH-502 (Honors Thesis) in the fall semester of their senior year. Under the guidance of an Art History faculty member, they will use this course to complete a research paper. This paper will be evaluated by all Art History faculty. If the evaluation is positive, the student will make an oral presentation of the paper in the spring.

• ARH-502 Honors Thesis

Prerequisites:

Senior standing & permission of the Dept.Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Occasional



2017-2018 Archived Catalog Information

Art History

The Art History major and minor are offered through the World Languages & Cultural Studies Department.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Art History Courses](#)

- ARH-101 Art History I

Credits:

4.00

Description:

Surveys the art of Western civilization from prehistoric caves to medieval cathedrals. Considers works from the Ancient Near East, Ancient Egypt, Ancient Greece and Rome, the Byzantine Era, the Romanesque Period, and the Gothic Period in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-102 Art History II**

Credits:

4.00

Description:

Surveys the art of Europe and America from the Renaissance to the present. Considers work of painting, sculpture, and architecture from periods such as the Renaissance, the Baroque, the Rococo, Neoclassicism, Romanticism, Impressionism, Abstract Impressionism, and Post-Modernism in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-H102 Honors Art History II**

Credits:

4.00

Description:

A survey of the art of Europe and America from the Renaissance to the present. Works of painting, sculpture, and architecture are presented in their historical context. Course covers the Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Cubism, Surrealism, Abstract Expressionism, Pop, and Post-Modernism.

Term:

Offered Both Fall and Spring

Type:

Honors

- **ARH-203 Arts of Asia**

Credits:

4.00

Description:

Surveys painting, sculpture, and architecture in Asia from prehistoric times to the modern era, including the Middle East, India, China, Korea, and Japan. Emphasizes the connection between visual arts, belief systems, and historical contexts with a focus on Hinduism, Buddhism, and Islam as well as secular literature.

- **ARH-205 Gender, Class and Alterity in Ancient And Medieval Art**

Credits:

4.00

Description:

Explores issues of sexuality, gender, race, and social class in the ancient and medieval worlds. Examines key artworks from ancient Greece, the Roman Empire and medieval Europe within historical, social and cultural contexts.

- **ARH-290 Internship in Art History**

Prerequisites:

ARH-101 and ARH-102 and Instructor consent

Credits:

1.00- 4.00

Description:

Designed to accompany an internship at a local museum, gallery, archive, or other art institution, this independent study course will carry variable credit depending on the number of hours devoted to the internship and the related academic work done by the student. Interested students should consult the instructor as they are applying for internships.

- **ARH-305 Art of Greece and Rome**

Credits:

4.00

Description:

Examines the civic, religious, and domestic art and architecture of the Ancient Mediterranean cultures of Greece and Rome. Considers temples, forums, basilicas, city planning, sculpture, pottery, wall painting, mosaics, and engineering achievements in their cultural contexts.

Term:

Occasional

Type:

Classics Minor

- **ARH-307 Art of the Italian Renaissance**

Credits:

4.00

Description:

Examines painting, sculpture and architecture of the 14th, 15th, and 16th centuries in Italy in their cultural context. Artists include Giotto, Masaccio, Donatello, Leonardo da Vinci, Raphael, Michelangelo, and Titian.

Term:

Occasional

- **ARH-308 Art of the Baroque & Rococo**

Credits:

4.00

Description:

Explores painting, sculpture and architecture in Italy, Spain and Northern Europe during the 17th and 18th century. Works by Rembrandt, Rubens, Caravaggio, Bernini, Poussin, Velasquez, Watteau, Boucher, Fragonard, Chardin, Hogarth and others considered within their historical contexts.

Term:

Occasional

- **ARH-309 Art of the 19th Century**

Credits:

4.00

Description:

Examines Neoclassicism, Romanticism, Realism and Impression in the European painting. Considers works by artists such as David, Ingres, Friedrich, Constable, Delacroix, Goya, Courbet, Millet, Daumier, Manet, Monet, Renoir, Degas, and Cassatt within their historical contexts.

Term:

Occasional

- **ARH-310 Modernism in Art**

Credits:

4.00

Description:

Examines European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, The Bauhaus, Dada, and Surrealism. Considers works by artists such as Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Mondrian, Duchamp, Magritte, Dali, and Ernst within their historical contexts.

- **ARH-311 American Art**

Credits:

4.00

Description:

Surveys American painting, sculpture, photography and architecture from the colonial period through WWII. Considers works by artists such as Smibert, Copley, West, Stuart, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole, Inness, Sloan, Sullivan, Wright, Hopper, O' Keefe, Dove, Hartley, Bellows, Stieglitz, Weston, and Steichen.

Term:

Occasional

- **ARH-312 Art of the Northern Renaissance**

Credits:

4.00

Description:

Examines painting, sculpture, and architecture of the 14th,15th and 16th centuries in Northern Europe, within their historical context. Topics include the rise of oil painting, the development of woodcut and engraving, the effect of the Reformation on art. Artists include van Eyck,Bosch, Durer, Holbein and Brueghel.

Term:

Occasional

- **ARH-316 Contemporary Art**

Credits:

4.00

Description:

Explores European and American art since WWII, including Abstract Expressionism, Colorfield Painting, Pop Art, Minimalism, Neo-Dada, Performance Art, Feminism, Neo-Expressionism and Post-Modernism. Artists include Bacon, Giacometti, Pollock, De Kooning, Frankenthaler, Rothko, Stella, Judd, Calder, David Smith, Serra, Johns, Rauschenberg, Warhol, Lichtenstein, Smithson, Christo, Nevelson, Kosuth, Kruger, Sherman, Basquiat, Kiefer, and Haring.

Term:

Occasional

Type:

Arts Admin Minor Elective

- **ARH-318 Art and Museums Today**

Credits:

4.00

Description:

Examines the art world of the past few decades with special attention to the roles and exhibition practices of contemporary art museums and galleries. Considers the major artists and trends in today's art world, the history of museums, and the effect of museums on art produced today. Students will visit local museums, including the Institute of Contemporary Art (ICA) individually and in groups. This course fulfills the ECR requirement.

Term:

Offered Fall Term

Type:

Arts Admin Minor Elective

- **ARH-321 Women, Art & Society**

Credits:

4.00

Description:

Surveys women artists from the sixteenth century to the present and examines new direction in art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

- **ARH-401 Special Topic: Seminar in Art**

Prerequisites:

Permission of instructor needed

Credits:

4.00

Description:

Topic will vary from year to year.

Term:

Offered Spring Term

Type:

Arts Admin Minor Elective

- **ARH-404 Seminar in Art History: Caravaggio**

Prerequisites:

Permission of instructor required

Credits:

4.00

Description:

Explores the art of Caravaggio within the historical context of the Early Baroque period in Italy. The course emphasizes research skills and the methodology of art history. Designed as a foundation for students intending to pursue a career in the world of art and/or museums.

- **ARH-406 Seminar in Art History: Bernini**

Prerequisites:

Instructor's consent required.

Credits:

4.00

Description:

Explores the art of Gian Lorenzo Bernini, arguably the most important and influential figure in the world of 17th-century art. Designed for art history majors & minors, the seminar explores Bernini's career within the context of the religious, political, and artistic upheavals of his time; it also helps students develop research skills and provides a foundation that will be valuable for anyone pursuing a career in the world of art and museums.

- **ARH-411 Seminar in Art History: Impressionism**

Prerequisites:

Permission of instructor required

Credits:

4.00

Description:

Explores the Impressionist movement of the late nineteenth-century, including Monet, Renoir, and Pissaro, within its historical context. The course emphasizes research skills and the methodology of art history. Designed as a foundation for students intending to pursue a career in the world of art and/or museums.

- **ARH-502 Honors Thesis**

Prerequisites:

Senior standing & permission of the Dept.Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Occasional

- **ARH-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Students meet with a departmental faculty member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional



2017-2018 Archived Catalog Information

Arts Administration

As a complement to their undergraduate major, students who take a minor in Arts Administration will have basic knowledge in the following areas:

- Arts administration, including the managerial, financial, and legal needs of arts organizations
- Marketing strategies and outreach programming for the arts
- Resource development for the arts, with an emphasis on grant and proposal writing

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)

Minor Requirements: 5 courses, 17-19 credits

Core Requirements (3 courses, 11 credits)

- **ADPR-488 Grant Writing**

Credits:

4.00

Description:

Hands-on course that explores the process of writing and submitting grants to foundations, associations, the government, and other grantors on behalf of nonprofit organizations. Students learn how to identify grant resources through research, compile an effective submission, and write supporting material such as cover letters and appendices. Also covers how grants are reviewed and tips for successful grant submissions.

Term:

Occasional

- **MKT-210 Principles of Marketing**

Prerequisites:

WRI-101, WRI-102 or WRI-H103

Credits:

3.00

Description:

As part of the core curriculum for the BSBA, this course provides a comprehensive, innovative, managerial, and practical introduction to marketing. Students will learn and apply basic concepts and practices of modern marketing as used in a wide variety of settings. Technological advances, rapid globalization, economic shifts and cultural and environmental developments are causing profound changes in the marketplace. As the marketplace changes, so must the marketers who serve it. These new developments signify a brand new world of opportunities for forward thinking marketers. In response to these new developments, the focus of this course is on four major themes that go to the heart of modern marketing theory and practice: 1. Building and managing profitable customer relationships; 2. Building and managing strong brands; 3. Harnessing new marketing technologies in this digital age; and 4. Marketing in a socially responsible way around the globe.

- **THETR-281 Arts Administration I**

Credits:

4.00

Description:

The expansive world of arts administration provides a wealth of rewarding career opportunities. This course will provide a fundamental overview of the managing, marketing, fundraising, and financial management functions of the performing and visual arts organizations. Using Suffolk's Modern Theatre as a laboratory, as well as site visits to some of Boston's greatest arts and culture institutions, we will investigate real world successes and challenges and discover what special talents each individual student can bring to the management mix. This course is a core requirement for Suffolk's new interdisciplinary Arts Administration minor.

Electives (2 courses, 6-8 credits)

Choose two of the following:

- **ADPR-103 Presentations Skills**

Credits:

4.00

Description:

The development and delivery of oral presentations. Students acquire skills in oral and physical delivery, organization, persuasion, critical thinking, and use of support media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-247 Design Lab**

Credits:

4.00

Description:

Computer applications for advertising and communication design. Using various graphical editing and design programs, students learn the theory and practice of design for layout, logos, and graphic elements in communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-257 Advertising**

Credits:

4.00

Description:

A survey course that introduces students to advertising concepts and practices from the perspective of agencies, clients, the media, and consumers. Students learn to think critically about advertising messages and learn practical techniques for developing effective advertising in various media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-289 Social Media**

Credits:

4.00

Description:

Social media sites such as Facebook, Instagram, Snapchat and Twitter are examined from a cultural and critical perspective. Students use of social media for community formation, social presence, identity building, and social activism. The roles of advertising, public relations, and branding are examined.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-297 New Media New Markets**

Credits:

4.00

Description:

Students learn HTML, CSS and Widgets for the construction, design and posting of web sites. In addition, we examine the use of websites, mobile sites for advertising, public relations, search engine optimization, and marketing.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-378 Event Planning and Promotion**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines how events are built, promoted, managed, and assessed, with an emphasis on conventions, trade shows, and nonprofit events. Issues analyzed include facilities planning and contracts, legal issues, volunteer management, budgeting, marketing, and planner/staff communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-2277 Public Relations I: Principles**

Credits:

4.00

Description:

Effective public relations involve an understanding of the history, theory, and practice of public relations including public relations concepts, the role of the practitioner, and the foundations of public relations. This course seeks to provide that foundation as an introduction to the field of public relations. Issues surrounding the history, legality, process, and principles of public relations are explored.

Term:

Offered Both Fall and Spring

Art & Design/Art History

- **ADF-S101 Foundation Drawing I**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADF-S166 2D/Color**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

Type:

Arts Admin Minor Elective

• ADF-S171 CI: Integrated Studio 1

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

Type:

Creativity and Innovation, Arts Admin Minor Elective

• ARH-316 Contemporary Art

Credits:

4.00

Description:

Explores European and American art since WWII, including Abstract Expressionism, Colorfield Painting, Pop Art, Minimalism, Neo-Dada, Performance Art, Feminism, Neo-Expressionism and Post-Modernism. Artists include Bacon, Giacometti, Pollock, De Kooning, Frankenthaler, Rothko, Stella, Judd, Calder, David Smith, Serra, Johns, Rauschenberg, Warhol, Lichtenstein, Smithson, Christo, Nevelson, Kosuth, Kruger, Sherman, Basquiat, Kiefer, and Haring.

Term:

Occasional

Type:

Arts Admin Minor Elective

• **ARH-318 Art and Museums Today**

Credits:

4.00

Description:

Examines the art world of the past few decades with special attention to the roles and exhibition practices of contemporary art museums and galleries. Considers the major artists and trends in today's art world, the history of museums, and the effect of museums on art produced today. Students will visit local museums, including the Institute of Contemporary Art (ICA) individually and in groups. This course fulfills the ECR requirement.

Term:

Offered Fall Term

Type:

Arts Admin Minor Elective

• **ARH-401 Special Topic: Seminar in Art**

Prerequisites:

Permission of instructor needed

Credits:

4.00

Description:

Topic will vary from year to year.

Term:

Offered Spring Term

Type:

Arts Admin Minor Elective

• **ART-S209 Introduction to Drawing and Mixed Media**

Credits:

3.00

Description:

This course is an introduction to the fundamental principles of drawing using both traditional and experimental techniques. Media includes pencil, charcoal, pastels, oil pastels, image-transfer, and collage. This course is appropriate for beginners as well as more advanced students. Individual attention is given to students at various levels of ability and allows students to progress at their own pace. The lessons will be supplemented by lectures and visits to museums and galleries. Please note: This is a 3-credit studio course.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ART-S211 Introduction to Painting**

Credits:

3.00

Description:

This introductory course is designed to encourage students with little or no knowledge of the use of various painting processes. The basic elements of painting are introduced in exercises enhanced by demonstrations and gallery visits. Students can choose to work with various painting mediums including oil, acrylic, or watercolor. Creative work is encouraged in a relaxed atmosphere where individual attention is given to students at various levels of ability. Please note: This is a 3-credit studio course.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

Business

- **ACCT-201 Accounting for Decision Making I**

Prerequisites:

MATH-128 or higher and WRI-102 or WRI-H103 or SBS-220

Credits:

3.00

Description:

Introduces students to the accounting cycle, the financial statements, and the theory underlying accounting as information. Provides users of accounting information with a basic understanding of how to appraise and manage a business. Addresses current accounting topics, including relevant ethical and international issues found in the financial press.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **BLE-214 Principles of Business Law**

Credits:

3.00

Description:

Introduces the field of business law. Provides an overview of the organization and operation of the American legal system, court system and legal procedure. Examines selected business law topics such as contracts, torts, criminal law, agency, and business organizations. Attention is given to the ways in which business law manifests important social and ethical precepts.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ENT-101 Business Foundations**

Credits:

3.00

Description:

This course introduces students to foundational concepts in business, including functional areas, the life cycle, competition, stakeholders and ethical considerations. Students develop critical thinking by learning and using a problem solving process through a business situation analysis model to analyze various situations that confront managers and founders of small, medium, and large organizations. Students will also develop tools for analysis, allowing them to critically view business in a new and thoughtful way. The class culminates with student- teams presenting a detailed analysis and recommendations to a panel of executives and persuading them that the recommended strategy is not only feasible, but also practical for the stakeholders involved.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ENT-320 Growing and Managing the Firm**

Prerequisites:

ENT-101 and Junior Standing

Credits:

3.00

Description:

How do you manage the day-to-day challenges of starting a new venture or working on a small business? This course is designed around problem-solving techniques that help you research the facts of a given situation, identify the problem, develop alternative solutions and defending the best solution. This course utilizes case analysis, role-plays, simulations, and other experiential lessons to help provide you with the knowledge and skills necessary to build and lead a new or innovative organization.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **MGT-401 Negotiations**

Prerequisites:

MGT 217 (formerly MGT 317); Junior standing

Credits:

3.00

Description:

This course is premised on the fact that whereas a manager needs analytical skills to discover optimal solutions to business problems, a broad array of negotiation skills is needed to implement these solutions. This experiential course is designed to improve your skills in all phases of negotiation: understanding prescriptive and descriptive negotiation theory as it applies to dyadic and multiparty negotiations, to buyer-seller transactions and the resolution of disputes, to the development of negotiation strategy, and to the management of integrative and distributive aspects of the negotiation process. The course is based on a series of simulated negotiations in a variety of contexts including one-on-one, multi-party, cross-cultural, third-party and team negotiations. Please note that given the experiential nature of the course, attendance is mandatory and will be strictly enforced beginning from the first class session.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• MKT-315 Integrated Marketing Communication

Prerequisites:

MKT 210 or MKT-H210

Credits:

3.00

Description:

Integrated Marketing Communications (IMC) is a cross-functional process for managing customer relationships that drive brand value. This course examines the strategic foundations of IMC, the factors and processes necessary for creating, sending, and receiving successful brand messages. Furthermore, the social, ethical and legal issues as well as measurement and evaluation of marketing communication will be examined.

Type:

Arts Admin Minor Elective

• MKT-444 Social Media Marketing

Prerequisites:

MKT 210 or MKT-H210

Credits:

3.00

Description:

Social media has altered the landscape of business, communications, marketing, and society as a whole. While some social media like Wikipedia and Facebook have become part of the fabric of many consumers' lives, new media like Snapchat and Tumblr are emerging. This constantly evolving landscape offers businesses innovative ways for generating awareness, demand and revenue. In this course students will take away a social media vocabulary, a set of social media skills and tools, and analytical frameworks for analyzing effective social media business practices. Naturally, student projects, assignments, and other activities will use social media tools.

Type:

Arts Admin Minor Elective

- **MKT-477 eMarketing**

Prerequisites:

MKT 210 or MKT-H210

Credits:

3.00

Description:

This course explores how we can use the principles of web marketing as effective marketing tools. The course will have the following learning components: lectures, guest lectures, web site analyses, and student project presentations.

Type:

Arts Admin Minor Elective

- **P.AD-325 Nonprofit Management**

Prerequisites:

Junior standing

Credits:

3.00

Description:

The primary focus will be on understanding the operational and strategic leadership aspects of managing mission driven, public service organizations. Specific emphasis will be placed on nonprofit corporations, including coursework that explores the legal, structural, and operational issues that are particular to such organizations.

Type:

Arts Admin Minor Elective

Note: BSBA students cannot count the following BSBA core requirements (ACCT-201, BLE-214, or ENT-101) as Arts Administration minor electives and should instead choose other courses from the full list of options provided.

Government

- **GVT-247 Intellectual Property- Authors, Inventors, & Brands**

Prerequisites:

GPA at least 3.3

Credits:

4.00

Description:

Are Neanderthal genes patentable? May a fan write Harry Potter 8? Could Amazon.com shut down Amazon Books, a women's bookstore? Is there copyright in a student's class paper? Why does so much copyrighted stuff stay up on YouTube? Can a video game company own its employees' ideas? This friendly, interactive introduction to intellectual property gives the lay of the land, covering the fundamental pillars of copyrights, patents, trademarks, and trade secret, and more far-reaching topics like international and internet intellectual property, and indigenous people and IP. The course is open to all majors, because it is relevant to anyone who deals with creative works, inventions, discoveries, or business. This undergraduate

course will be taught at the Suffolk Law School by a member of its faculty. To register students must have a GPA of 3.3 or permission of the instructor. There will be several quizzes and a final exam.

Type:

Arts Admin Minor Elective

Theatre

- **THETR-100 Theatre Practicum: Performance**

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department performance activities such as acting, directing, playwriting, dramaturgy, choreography, or stage management may. May be taken more than once.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **THETR-102 Theatre Practicum: Production**

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department production activities such as design or assistant design, load-in or run crews, board operators, carpenters, electricians, stitchers and painters. May be taken more than once.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• **THETR-129 Acting**

Credits:

4.00

Description:

This introduction to acting prepares students for work in production and develops skills in all forms of communication. The first part of the course uses improvisational exercises based on the Stanislavski method to teach fundamental acting techniques. The second half of the course applies those techniques to scene work from major 20th century plays. This course is a core requirement for all Theatre Majors.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• **THETR-187 Intro to Stage Management**

Credits:

4.00

Description:

This course will teach both the methods and principles behind stage management demonstrating how to support a production while facilitating the work of directors, designers, and actors. In addition to teaching the specific technical skills necessary to each part of the production process, this course will also address the more subtle intellectual and managerial skills that make stage management an art. Satisfies a core requirement for Theatre majors.

Term:

Offered Fall Term

Type:

Arts Admin Minor Elective

• THETR-375 Directing I

Credits:

4.00

Description:

This conservatory-style course provides students with fundamental directing skills through lectures, readings, and weekly projects that explore composition, staging, text analysis, and directorial communication skills. Students in this course become eligible to propose their own projects to the Theatre Department for production consideration. Directing students are also encouraged to stage manage and assistant direct faculty productions both in and outside of the Department.

Term:

Offered Fall Term

Type:

Arts Admin Minor Elective

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Asian Studies

Asian Studies is an interdisciplinary program that offers courses in the humanities and social sciences with a focus on Asia.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Asian Studies Courses](#)

Major Requirements: 15 courses, 56 credits

Core Requirements: 10 courses, 36 credits

- **CAS-201 College to Career: Explore Your Options And Find Your Path**

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

- **AS-511 Professional Development for Asian Studies**

Prerequisites:

Instructor consent required

Credits:

1.00

Description:

Students will reflect on their college career and develop a personal strategy for attaining professional goals. They will understand ethical guidelines and professional conventions by examining the differences between American work culture and Asian work culture; by applying this understanding to a transnational/diverse professional world. Students will understand what the job market and graduate school opportunities are like for Asian Studies graduates.

Students must take courses from at least three departments, with no more than 20 credits from any one department. Some Freshman Seminar courses may qualify with the approval of the Program Director.

Choose eight of the following:

- **AS-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Both Fall and Spring

Type:

Asian Studies, Social & Intellectual HST

- **AS-210 Traditional Chinese Society From 1800 to 1949**

Credits:

4.00

Description:

This course focuses on traditional Chinese society from 1800 to 1949, taking up such areas as family and kinship, social mobility, education, economic and social differentiation, community and social life, and popular belief. Examining the practices and ideologies underlying each area will enhance our understanding of the nature of traditional Chinese society, and help explain how elements of Chinese traditional culture contribute to modern Chinese identity and everyday life.

Term:

Occasional

- **AS-220 Chinese Food in America**

Credits:

4.00

Description:

There are more Chinese restaurants in the U.S. than MacDonald's, Burger Kings and KFC'S combined. This course examines the unique American phenomenon of Chinese food from a historical and anthropological viewpoint. Students will gain a better appreciation and understanding of the subject through the course and will probably never look at local Chinese takeout the same way afterwards

Term:

Offered Spring Term

Type:

- **AS-500 Asian Studies Internship**

Credits:

4.00

Description:

Engages in an internship in a business or non-profit organization that deals with Asia or an Asian American community. Students may complete the internship either in Asia or in the U.S. Students will complete appropriate exercises and reports to document their learning. (1 course, 4-12 credits; can be taken multiple times in different semesters)

Term:

Offered Both Fall and Spring

Type:

Global Engagement Experience

- **AS-510 Independent Study**

Credits:

1.00- 4.00

Description:

Works directly with a faculty member on an agreed topic related to Asia or an Asian language. Past topics include: intermediate Chinese and Japanese; Asian popular culture.

Term:

Offered Both Fall and Spring

- **CHIN-211 Survey of Chinese Literature and Culture I**

Credits:

3.00

Description:

This is an introductory and interdisciplinary course on Chinese civilization and traditional Chinese literature. It will provide the student with a brief introduction to the cultural legacy and literature of China from the archaeological origins of Chinese civilization to the present time. The diverse origins of China's civilization are stressed as topics in political, social, and economic history are explored, with a focus on developments in language, literature, and art. This course is a good introduction to further study of Chinese history and culture and, in particular, provides a valuable context for themes treated in Modern China.

• **CJN-281 Asian Popular Culture**

Credits:

4.00

Description:

Students critically analyze Asian popular culture since the 1980s using a cultural ethnographic approach. Students apply the lenses of gender, identity, globalization, and business strategies to examine pop phenomena such as Korean Wave, Cool Japan, and Cantonese popular music.

Term:

Occasional

• **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

By examining the film texts of Hong Kong auteurs such as John Woo, Wong Kar-wai, Tsui Hark, Andrew Lau, and Alan Mak, the course examines issues such as film genres, colonization/decolonization, transnational political economy, the Greater Chinese media market, and the diaspora.

Term:

Occasional

- **ENG-362 Asian American Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

Asian Studies

- **GVT-389 Politics of China**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

Emphasis on a particular approach to the problems of economic modernization and political development. Historical background; the revolutionary movement; present political structures and current issues. Cultural Diversity B

Type:

- **GVT-411 Politics of North and South East Asia**

Prerequisites:

Junior Status required

Credits:

4.00

Description:

This course examines the cultural background and political systems mainly of China, Korea and Japan, also touching upon the small tiger states in South-East Asia. It elucidates the historical origins, evolution and current trajectory of these states with a particular concentration on North Korea. One further concentration is the interplay of domestic and foreign policy in the relations of these states, regional stability and cooperation. Topics include history, social structure, the interplay of culture and ideology, political economy, humanitarian issues, security, and the politics of North Korean domestic and foreign policy. We will spend considerable time analyzing China's and North Korea's relationship with regional and world powers and examining the origins, history, and implications of the North Korean nuclear weapons program. Students will be expected to demonstrate the ability to apply theoretical and historical knowledge toward analyzing the rapidly evolving landscape of contemporary issues related to East Asia.

Type:

Asian Studies

- **HST-115 Introduction to Chinese History and Culture**

Credits:

4.00

Description:

Discusses Chinese civilization from its origins to its recent rise as a world power. Spark students' interest in China and enable them to relate Chinese history and society to their lives and careers.

- **HST-251 Modern East Asia**

Credits:

4.00

Description:

China, Japan, and Korea - East Asia's critical players - share many historical influences, but each has a distinct culture, and they competed with each other for much of the twentieth century, proud of their achievements but feeling threatened by their neighbors. Lectures interspersed with movies and documentaries to show how East Asia has developed in the past one-hundred-plus years.

Type:

Social & Intellectual HST

- **HST-255 Films and Contemporary China**

Credits:

4.00

Description:

Uses a series of films to demonstrate the changes in people's lives in contemporary China. It focuses on the Reform Era between 1980 and present. The topics include Chinese politics, economic growth, social change, and popular cultures.

Term:

Occasional

Type:

Asian Studies

- **HST-260 Asian Peoples and Cultures**

Credits:

4.00

Description:

Introduces the peoples of Asia and the cultures they have created. Particular attention is paid to the lives of the common people in both historical and contemporary times. By understanding the richness and complexities of daily life in Asia, we will understand the continuities and discontinuities brought on by social, cultural, and economic changes. We will gain an appreciation of our fellow human beings in Asia.

Type:

Social & Intellectual HST

- **HST-342 Modern Japanese History**

Credits:

4.00

Description:

Examines Japanese history from the beginning of the seventeenth century to the end of the twentieth century. The topics include early modern Japan during the Tokugawa era, Meiji Restoration, Japanese imperialism and World War II, Japan's emergence as the second largest economy in the world.

Term:

Occasional

Type:

Asian Studies

- **HST-348 Samurai: History, Literature & Film**

Credits:

4.00

Description:

Explores the history of samurai and its cultural meaning for Japanese society. It examines not only how the samurai class developed into a major political force, but also how it has been represented by literatures and films in different eras.

Term:

Occasional

Type:

Asian Studies

- **PHIL-261 Eastern Philosophy**

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-262 Buddhism**

Credits:

4.00

Description:

An historical survey of Buddhist philosophy. We will explore Buddhist origins, central teachings, devotional and meditational practices, ritual and institutions as developed from classical to modern times. Special attention given to the philosophical diversity of the Buddhist world view. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

- **PHIL-267 Chinese Philosophy**

Credits:

4.00

Description:

A survey of the main developments in Chinese Philosophy. The course begins with the early dynastic concept of humanism and then turns to Confucius and Mencius. Having developed the central Confucian doctrines, students next examine the Taoist response to Confucianism in the writings of Lao Tzu and Chuang Tzu. The course then considers Zen Buddhism, which is called Ch'an Buddhism in China, where it originated. In particular, students study the concept of sudden enlightenment before turning to the Neo-Confucian scholars.

Term:

Occasional

- **PSYCH-247 Asian Perspectives on Health and Work**

Credits:

4.00

Description:

Examines theoretical and empirical approaches that provide insight into Asian viewpoints on socialization practices, family systems, health/well-being, cultural traditions/values, and spiritual philosophy/literature. Explores the diversity among Asian cultures in terms of language, history, religion/spiritual faith, and healthcare practices, all of which play a significant role in shaping the psychological characteristics, interpersonal relationships, and work dynamics of Asians and Asian immigrants. Students critically analyze similarities and differences between Asian and Western psychological perspectives of health and work through didactic and experiential learning components. This course fulfills the Cultural Diversity Requirement and may fulfill the Expanded Classroom Requirement. Normally offered alternate years.

Term:

Offered Spring Term

Type:

- **RS-112 Introduction to World Religions: Eastern Traditions**

Credits:

4.00

Description:

This course will examine a variety of Eastern religions, including Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shintoism. Possible connections to be explored will be the impact of these traditions on others, such as Pacific Islands and African religion, as well as the growing place of Eastern religion in the West. This course will explore the history and structure of each tradition, while attempting to recognize the similarities and the differences among them. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. Normally offered every year. Cultural Diversity B

Type:

Asian Studies

- **SF-190 Asia in America Fiction and Fact**

Credits:

4.00

Description:

With a focus on some selected ethnic groups from Asia, Asia in America studies the history and current status of Asian Americans in Boston and other parts of the country. We will examine the major reasons why these immigrants chose to leave their home country as well as their expectations and experiences here in America. We will also discuss the issues Asian immigrants have faced in this adopted home as well as the connections and conflicts among different ethnic groups or even within the same ethnic group due to political and socio-economic reasons. The course will include some level of community engagement, through Chinatown tour and service, which may enable us to have a direct contact with the Asian American population and reflect on what is being discussed in class. Through this course, we hope to gain a better understanding of the racial and cultural history of the country and arrive at a deep appreciation of the dynamics of cultural interactions in the twenty-first century. The course fulfills the SCGP requirement.

Type:

Global Engagement Experience

- **SF-1145 Emergence of Southeast Asia**

Credits:

4.00

Description:

Explores the eleven countries and 600 million people of Southeast Asia starting with foundations- geography and environment- and then looking at the human imprint, in the form of the history, religions, and cultures of the region. An examination of contemporary issues related to demography, politics, and (especially) economics.

Students who choose the following courses and complete some specific reading and writing assignments may count them toward the Asian Studies major requirements. However, students need to consult the instructor and get the approval of the Asian Studies program director no later than the first week of the class.

- **CJN-216 Intercultural Communication**

Credits:

4.00

Description:

An examination of communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures.

Term:

Offered Both Fall and Spring

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

A critique of the circulation of media goods and ideologies from both a cultural and political/economic perspective. Topics include global Hollywood, the images of Muslim women in transnational media, the information society, and global social movements.

Term:

Offered Spring Term

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Asian Studies

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

- **EC-430 International Trade Theory & Policy**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines theories of international trade. The policy implications of each theory are explored and the effect of trade on the welfare of the nation is examined. Also the development of trade blocs and the political economy of trade are studied. Normally offered every year.

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **HST-150 Empires & Globalization in World History II**

Credits:

4.00

Description:

This is the second of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include state-making, wars, and the rivalry among early modern empires, economic development, the Industrial Revolution and the formation of the global trade system. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **SOC-228 Cultural, Global and Social Perspectives**

Credits:

4.00

Description:

Enables students to examine, as well as develop an awareness and appreciation of, diversity within today's society. Providing an overview of the major racial, ethnic, and cultural groups in the U.S., the focus is on the ways in which cultural awareness enhances professional helping relationships and improves the operation of human services systems.

Term:

Occasional

- **SOC-329 Sociology of Globalization**

Prerequisites:

Prerequisite: SOC 113 or SOC 116.

Credits:

4.00

Description:

Globalization is shrinking the world. How and why did this happen? This course will explore global change and the global processes which effect key social institutions: culture, the economy and politics. Students will study the processes of globalization and its impact on our lives and people around the globe.

Term:

Occasional

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

- **WGS-325 Global Women's Fiction**

Credits:

4.00

Description:

Explores of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic.

Term:

Occasional

Language Requirement (4 courses, 16 credits)

To qualify for the major, students must demonstrate proficiency in one Asian language at the advanced-intermediate level. This can be fulfilled by successful completion of an Intermediate Level II Asian language course with an average grade of “B” or by passing the same level language test offered by the World Languages & Cultural Studies Department.

- **CHIN-202 Intermediate Chinese II**

Prerequisites:

CHIN 201 or Instructor's consent.

Credits:

4.00

Description:

Continuation of skills developed in CHIN 201.

Term:

Offered Spring Term

OR

- **JPN-202 Intermediate Japanese II**

Prerequisites:

JPN-201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills developed from JPN 201. One language laboratory session per week.

Term:

Offered Spring Term

- **CHIN-101 Elementary Chinese I**

Credits:

4.00

Description:

Introduces Modern Standard Chinese (Mandarin) with an emphasis on developing conversational skills by using authentic materials such as video, audio, and various print media that teach fundamental grammatical patterns and vocabulary in functional contexts. Basic reading and writing (in Simplified Characters) are also taught.

Term:

Offered Fall Term

- **CHIN-102 Elementary Chinese II**

Prerequisites:

CHIN 101 or Instructor's consent.

Credits:

4.00

Description:

Continues to develop proficiency in reading, writing, and speaking Modern Standard Chinese (Mandarin). Helps to develop listening comprehension skills with the use of authentic materials, such as print media, audio, and video materials. Advanced beginning level of reading and writing of Simplified Chinese characters is taught.

Term:

Offered Spring Term

Type:

Modern Language

- **CHIN-202 Intermediate Chinese II**

Prerequisites:

CHIN 201 or Instructor's consent.

Credits:

4.00

Description:

Continuation of skills developed in CHIN 201.

Term:

Offered Spring Term

- **JPN-101 Elementary Japanese I**

Credits:

4.00

Description:

For students with no previous knowledge. An introduction to features of spoken and written Japanese. Stresses grammar, oral performance and simple characters.

Term:

Offered Fall Term

- **JPN-102 Elementary Japanese II**

Prerequisites:

JPN-101 or Instructor's consent

Credits:

4.00

Description:

Continues to develop proficiency in reading, writing, and speaking Japanese. Helps to further develop listening skills with the use of authentic materials, such as print media and audio files.

Term:

Offered Spring Term

Study Abroad or an Internship (4 credits, minimum)

Students must complete either option A or B:

A. A Semester, Summer or Short-Term Study Abroad in Asia (which must bear at least 4 credits)

B. AS-500 Asian Studies Internship (1 course, 4-8 credits; may be taken twice)

- **AS-500 Asian Studies Internship**

Credits:

4.00

Description:

Engages in an internship in a business or non-profit organization that deals with Asia or an Asian American community. Students may complete the internship either in Asia or in the U.S. Students will complete appropriate exercises and reports to document their learning. (1 course, 4-12 credits; can be taken multiple times in different semesters)

Term:

Offered Both Fall and Spring

Type:

Global Engagement Experience

Note:

AS-500 may not double count to fulfill major course requirements if taken as a substitute for study abroad.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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2017-2018 Archived Catalog Information

Asian Studies

Asian Studies is an interdisciplinary program that offers courses in the humanities and social sciences with a focus on Asia.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Asian Studies Courses](#)

Minor Requirements: 5 courses, 17-20 credits

The minor requires a minimum of five courses (at least 17 credits) from at least two departments, up to two of which may consist of Asian Language courses. For the minor, proficiency in an Asian language does not allow any reduction in the total number of courses.

Choose five of the following:

- AS-100 Introduction to Asian Studies: Culture, People, Ideas

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Both Fall and Spring

Type:

Asian Studies, Social & Intellectual HST

- **AS-210 Traditional Chinese Society From 1800 to 1949**

Credits:

4.00

Description:

This course focuses on traditional Chinese society from 1800 to 1949, taking up such areas as family and kinship, social mobility, education, economic and social differentiation, community and social life, and popular belief. Examining the practices and ideologies underlying each area will enhance our understanding of the nature of traditional Chinese society, and help explain how elements of Chinese traditional culture contribute to modern Chinese identity and everyday life.

Term:

Occasional

- **AS-220 Chinese Food in America**

Credits:

4.00

Description:

There are more Chinese restaurants in the U.S. than MacDonald's, Burger Kings and KFC'S combined. This course examines the unique American phenomenon of Chinese food from a historical and anthropological viewpoint. Students will gain a better appreciation and understanding of the subject through the course and will probably never look at local Chinese takeout the same way afterwards

Term:

Offered Spring Term

Type:

Asian Studies

- **AS-500 Asian Studies Internship**

Credits:

4.00

Description:

Engages in an internship in a business or non-profit organization that deals with Asia or an Asian American community. Students may complete the internship either in Asia or in the U.S. Students will complete appropriate exercises and reports to document their learning. (1 course, 4-12 credits; can be taken multiple times in different semesters)

Term:

Offered Both Fall and Spring

Type:

Global Engagement Experience

- **AS-510 Independent Study**

Credits:

1.00- 4.00

Description:

Works directly with a faculty member on an agreed topic related to Asia or an Asian language. Past topics include: intermediate Chinese and Japanese; Asian popular culture.

Term:

Offered Both Fall and Spring

- **CHIN-211 Survey of Chinese Literature and Culture I**

Credits:

3.00

Description:

This is an introductory and interdisciplinary course on Chinese civilization and traditional Chinese literature. It will provide the student with a brief introduction to the cultural legacy and literature of China from the archaeological origins of Chinese civilization to the present time. The diverse origins of China's civilization are stressed as topics in political, social, and economic history are explored, with a focus on developments in language, literature, and art. This course is a good introduction to further study of Chinese history and culture and, in particular, provides a valuable context for themes treated in Modern China.

- **CJN-281 Asian Popular Culture**

Credits:

4.00

Description:

Students critically analyze Asian popular culture since the 1980s using a cultural ethnographic approach. Students apply the lenses of gender, identity, globalization, and business strategies to examine pop phenomena such as Korean Wave, Cool Japan, and Cantonese popular music.

Term:

Occasional

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

By examining the film texts of Hong Kong auteurs such as John Woo, Wong Kar-wai, Tsui Hark, Andrew Lau, and Alan Mak, the course examines issues such as film genres, colonization/decolonization, transnational political economy, the Greater Chinese media market, and the diaspora.

Term:

Occasional

- **ENG-362 Asian American Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

Asian Studies

- **GVT-389 Politics of China**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

Emphasis on a particular approach to the problems of economic modernization and political development. Historical background; the revolutionary movement; present political structures and current issues. Cultural Diversity B

Type:

Asian Studies

- **GVT-411 Politics of North and South East Asia**

Prerequisites:

Junior Status required

Credits:

4.00

Description:

This course examines the cultural background and political systems mainly of China, Korea and Japan, also touching upon the small tiger states in South-East Asia. It elucidates the historical origins, evolution and current trajectory of these states with a particular concentration on North Korea. One further concentration is the interplay of domestic and foreign policy in the relations of these states, regional stability and cooperation. Topics include history, social structure, the interplay of culture and ideology, political economy, humanitarian issues, security, and the politics of North Korean domestic and foreign policy. We will spend considerable time analyzing China's and North Korea's relationship with regional and world powers and examining the origins, history, and implications of the North Korean nuclear weapons program. Students will be expected to demonstrate the ability to apply theoretical and historical knowledge toward analyzing the rapidly evolving landscape of contemporary issues related to East Asia.

Type:

Asian Studies

- **HST-115 Introduction to Chinese History and Culture**

Credits:

4.00

Description:

Discusses Chinese civilization from its origins to its recent rise as a world power. Spark students' interest in China and enable them to relate Chinese history and society to their lives and careers.

- **HST-251 Modern East Asia**

Credits:

4.00

Description:

China, Japan, and Korea - East Asia's critical players - share many historical influences, but each has a distinct culture, and they competed with each other for much of the twentieth century, proud of their achievements but feeling threatened by their neighbors. Lectures interspersed with movies and documentaries to show how East Asia has developed in the past one-hundred-plus years.

Type:

Social & Intellectual HST

- **HST-255 Films and Contemporary China**

Credits:

4.00

Description:

Uses a series of films to demonstrate the changes in people's lives in contemporary China. It focuses on the Reform Era between 1980 and present. The topics include Chinese politics, economic growth, social change, and popular cultures.

Term:

Occasional

Type:

Asian Studies

- **HST-260 Asian Peoples and Cultures**

Credits:

4.00

Description:

Introduces the peoples of Asia and the cultures they have created. Particular attention is paid to the lives of the common people in both historical and contemporary times. By understanding the richness and complexities of daily life in Asia, we will understand the continuities and discontinuities brought on by social, cultural, and economic changes. We will gain an appreciation of our fellow human beings in Asia.

Type:

Social & Intellectual HST

• HST-342 Modern Japanese History

Credits:

4.00

Description:

Examines Japanese history from the beginning of the seventeenth century to the end of the twentieth century. The topics include early modern Japan during the Tokugawa era, Meiji Restoration, Japanese imperialism and World War II, Japan's emergence as the second largest economy in the world.

Term:

Occasional

Type:

Asian Studies

• HST-348 Samurai: History, Literature & Film

Credits:

4.00

Description:

Explores the history of samurai and its cultural meaning for Japanese society. It examines not only how the samurai class developed into a major political force, but also how it has been represented by literatures and films in different eras.

Term:

Occasional

Type:

Asian Studies

- **PHIL-261 Eastern Philosophy**

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-262 Buddhism**

Credits:

4.00

Description:

An historical survey of Buddhist philosophy. We will explore Buddhist origins, central teachings, devotional and meditational practices, ritual and institutions as developed from classical to modern times. Special attention given to the philosophical diversity of the Buddhist world view. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Asian Studies

- PHIL-267 Chinese Philosophy

Credits:

4.00

Description:

A survey of the main developments in Chinese Philosophy. The course begins with the early dynastic concept of humanism and then turns to Confucius and Mencius. Having developed the central Confucian doctrines, students next examine the Taoist response to Confucianism in the writings of Lao Tzu and Chuang Tzu. The course then considers Zen Buddhism, which is called Ch'an Buddhism in China, where it originated. In particular, students study the concept of sudden enlightenment before turning to the Neo-Confucian scholars.

Term:

Occasional

- PSYCH-247 Asian Perspectives on Health and Work

Credits:

4.00

Description:

Examines theoretical and empirical approaches that provide insight into Asian viewpoints on socialization practices, family systems, health/well-being, cultural traditions/values, and spiritual philosophy/literature. Explores the diversity among Asian cultures in terms of language, history, religion/spiritual faith, and healthcare practices, all of which play a significant role in shaping the psychological characteristics, interpersonal relationships, and work dynamics of Asians and Asian immigrants. Students critically analyze similarities and differences between Asian and Western psychological perspectives of health and work through didactic and experiential learning components. This course fulfills the Cultural Diversity Requirement and may fulfill the Expanded Classroom Requirement. Normally offered alternate years.

Term:

Offered Spring Term

Type:

Asian Studies

- **RS-112 Introduction to World Religions: Eastern Traditions**

Credits:

4.00

Description:

This course will examine a variety of Eastern religions, including Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shintoism. Possible connections to be explored will be the impact of these traditions on others, such as Pacific Islands and African religion, as well as the growing place of Eastern religion in the West. This course will explore the history and structure of each tradition, while attempting to recognize the similarities and the differences among them. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. Normally offered every year. Cultural Diversity B

Type:

Asian Studies

- **SF-190 Asia in America Fiction and Fact**

Credits:

4.00

Description:

With a focus on some selected ethnic groups from Asia, Asia in America studies the history and current status of Asian Americans in Boston and other parts of the country. We will examine the major reasons why these immigrants chose to leave their home country as well as their expectations and experiences here in America. We will also discuss the issues Asian immigrants have faced in this adopted home as well as the connections and conflicts among different ethnic groups or even within the same ethnic group due to political and socio-economic reasons. The course will include some level of community engagement, through Chinatown tour and service, which may enable us to have a direct contact with the Asian American population and reflect on what is being discussed in class. Through this course, we hope to gain a better understanding of the racial and cultural history of the country and arrive at a deep appreciation of the dynamics of cultural interactions in the twenty-first century. The course fulfills the SCGP requirement.

Type:

- **SF-1145 Emergence of Southeast Asia**

Credits:

4.00

Description:

Explores the eleven countries and 600 million people of Southeast Asia starting with foundations- geography and environment- and then looking at the human imprint, in the form of the history, religions, and cultures of the region. An examination of contemporary issues related to demography, politics, and (especially) economics.

Language Course Options

- **CHIN-101 Elementary Chinese I**

Credits:

4.00

Description:

Introduces Modern Standard Chinese (Mandarin) with an emphasis on developing conversational skills by using authentic materials such as video, audio, and various print media that teach fundamental grammatical patterns and vocabulary in functional contexts. Basic reading and writing (in Simplified Characters) are also taught.

Term:

Offered Fall Term

- **CHIN-102 Elementary Chinese II**

Prerequisites:

CHIN 101 or Instructor's consent.

Credits:

4.00

Description:

Continues to develop proficiency in reading, writing, and speaking Modern Standard Chinese (Mandarin). Helps to develop listening comprehension skills with the use of authentic materials, such as print media, audio, and video materials. Advanced beginning level of reading and writing of Simplified Chinese characters is taught.

Term:

Offered Spring Term

Type:

Modern Language

• **CHIN-202 Intermediate Chinese II**

Prerequisites:

CHIN 201 or Instructor's consent.

Credits:

4.00

Description:

Continuation of skills developed in CHIN 201.

Term:

Offered Spring Term

• **JPN-101 Elementary Japanese I**

Credits:

4.00

Description:

For students with no previous knowledge. An introduction to features of spoken and written Japanese. Stresses grammar, oral performance and simple characters.

Term:

Offered Fall Term

- **JPN-102 Elementary Japanese II**

Prerequisites:

JPN-101 or Instructor's consent

Credits:

4.00

Description:

Continues to develop proficiency in reading, writing, and speaking Japanese. Helps to further develop listening skills with the use of authentic materials, such as print media and audio files.

Term:

Offered Spring Term

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Asian Studies

Asian Studies is an interdisciplinary program that offers courses in the humanities and social sciences with a focus on Asia.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Asian Studies Courses](#)

- AS-100 Introduction to Asian Studies: Culture, People, Ideas

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Both Fall and Spring

Type:

Asian Studies, Social & Intellectual HST

- **AS-210 Traditional Chinese Society From 1800 to 1949**

Credits:

4.00

Description:

This course focuses on traditional Chinese society from 1800 to 1949, taking up such areas as family and kinship, social mobility, education, economic and social differentiation, community and social life, and popular belief. Examining the practices and ideologies underlying each area will enhance our understanding of the nature of traditional Chinese society, and help explain how elements of Chinese traditional culture contribute to modern Chinese identity and everyday life.

Term:

Occasional

- **AS-220 Chinese Food in America**

Credits:

4.00

Description:

There are more Chinese restaurants in the U.S. than MacDonal'd's, Burger Kings and KFC'S combined. This course examines the unique American phenomenon of Chinese food from a historical and anthropological viewpoint. Students will gain a better appreciation and understanding of the subject through the course and will probably never look at local Chinese takeout the same way afterwards

Term:

Offered Spring Term

Type:

Asian Studies

- **AS-500 Asian Studies Internship**

Credits:

4.00

Description:

Engages in an internship in a business or non-profit organization that deals with Asia or an Asian American community. Students may complete the internship either in Asia or in the U.S. Students will complete appropriate exercises and reports to document their learning. (1 course, 4-12 credits; can be taken multiple times in different semesters)

Term:

Offered Both Fall and Spring

Type:

Global Engagement Experience

• **AS-510 Independent Study**

Credits:

1.00- 4.00

Description:

Works directly with a faculty member on an agreed topic related to Asia or an Asian language. Past topics include: intermediate Chinese and Japanese; Asian popular culture.

Term:

Offered Both Fall and Spring

• **AS-511 Professional Development for Asian Studies**

Prerequisites:

Instructor consent required

Credits:

1.00

Description:

Students will reflect on their college career and develop a personal strategy for attaining professional goals. They will understand ethical guidelines and professional conventions by examining the differences between American work culture and Asian work culture; by applying this understanding to a transnational/diverse professional world. Students will understand what the job market and graduate school opportunities are like for Asian Studies graduates.



2017-2018 Archived Catalog Information

Biochemistry

The Chemistry & Biochemistry Department offers a Biochemistry major. Through a wide variety of laboratory-based courses and opportunities for independent research with faculty, the department provides students with the tools that will allow them to achieve success in their field while learning in the heart of one of the most scientifically progressive cities in the world.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Honors](#)
- [Biochemistry Courses](#)

Biochemistry Major Requirements: 19 courses, 70-76 credits

The curricula for the BA and BS in Biochemistry satisfy the requirements for certification by the American Chemical Society if CHEM-375 and CHEM-L375 are elected, along with three combined credits of CHEM-428 and CHEM-429.

Core Requirements (17 courses and corresponding laboratories where applicable, 62-68 credits)

- CHEM-111 General Chemistry I

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• **CHEM-L111 General Chemistry Laboratory I**

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• **CHEM-112 General Chemistry II**

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently. MATH 104 placement or higher.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Both Fall and Spring

• **CHEM-L112 General Chemistry Laboratory II**

Prerequisites:

MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 MATHT-MPEL3 MATH-104 MATH-130 MATH-134 MATH-164 or MATH-165. CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Laboratory. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as the application of Beer's Law and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

• **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112 and CHEM-L112. CHEM-L211 must be taken concurrently.

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry.

Term:

Offered Both Fall and Spring

- **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

CHEM-112 and CHEM-L112. Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Both Fall and Spring

- **CHEM-212 Organic Chemistry II**

Prerequisites:

CHEM 211 and CHEM L211. Must take CHEM-L212 concurrently.

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I. Includes detailed mechanistic discussions of substitution, elimination, and addition reactions. Emphasizes organic synthesis, structure determination, and spectroscopy.

Term:

Offered Both Fall and Spring

- **CHEM-L212 Organic Chemistry Laboratory II**

Prerequisites:

CHEM-211 and CHEM-L211. Must be take CHEM-212 concurrently.

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Emphasizes the characterization of organic molecules via nuclear magnetic resonance spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Both Fall and Spring

- **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Explores the basic techniques of collecting and analyzing data from different types of instrumentation, including: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Students will apply these techniques to problems in chemistry, forensics, and environmental science.

Term:

Offered Fall Term

- **CHEM-L314 Instrumental Analysis Laboratory**

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style.

Term:

Offered Fall Term

- **CHEM-331 Biochemistry I**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical

literature and bioinformatics techniques.

Term:

Offered Fall Term

- **CHEM-L331 Biochemical Techniques Lab**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM 331 must be taken concurrently

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays.

Term:

Offered Fall Term

- **CHEM-332 Biochemistry II**

Prerequisites:

CHEM 331 and CHEM-L332 concurrently

Credits:

3.00

Description:

Explores the principles of bioenergetics and metabolism of biomolecules. Includes intermediary metabolism of carbohydrates, lipids, amino acids, and oxidative phosphorylation. Additional topics include signal transduction and the regulation and integration of metabolism.

Term:

Offered Spring Term

- **CHEM-L332 Advanced Biochemical Techniques and Research Lab**

Prerequisites:

CHEM 331/L331. CHEM 332 must be taken concurrently.

Credits:

1.00

Description:

Advanced biochemistry laboratory course where students learn experimental design and critical analysis of the scientific literature while conducting novel research. Projects vary from year to year, but may include recombinant DNA techniques, purification and quantitation of DNA and proteins, protein detection, enzyme kinetics, and bioinformatics. Research is presented as a poster at the annual STEM banquet.

Term:

Offered Spring Term

- **CHEM-411 Physical Chemistry I**

Prerequisites:

CHEM 112; MATH 166;

Credits:

3.00

Description:

Explores quantum chemistry through simple model systems such as particle in a box, harmonic oscillator, rigid rotor, and hydrogen atom. Applications to electronic, vibrational, and rotational spectroscopy and elements of atomic and molecular structure.

Term:

Offered Fall Term

- **CHEM-L411 Physical Chemistry Laboratory I**

Prerequisites:

CHEM 411 must be taken concurrently

Credits:

1.00

Description:

Experiments in molecular spectroscopy, quantum chemistry, nanomaterials, and introduction to computational chemistry. Emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as demonstrated through reports prepared in the professional style.

Term:

Offered Fall Term

- **CHEM-412 Physical Chemistry II**

Prerequisites:

CHEM 411

Credits:

3.00

Description:

Explores the laws of thermodynamics and their molecular basis through the kinetic theory of gases and statistical mechanics. Includes chemical kinetics and theories of reaction rates.

Term:

Offered Spring Term

- **CHEM-L412 Physical Chemistry Laboratory II**

Prerequisites:

CHEM L411; CHEM 412 must be taken concurrently.

Credits:

1.00

Description:

Experiments in thermodynamics, materials, chemical kinetics, and computational chemistry. Emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as demonstrated by laboratory reports prepared in the professional style.

Term:

Offered Spring Term

• CHEM-428 Research & Seminar I

Prerequisites:

CHEM 212; CHEM L212; Instructor's Consent required

Credits:

1.00- 4.00

Description:

First of a senior level, two-semester sequence of independent study under the supervision of faculty. Students may opt to conduct experimental research, proposal development, or literature review. Students desiring departmental honors and/or an ACS-accredited degree must conduct authentic research; consult with the course instructor. Development of a research report and poster presentation to the department are required elements. Depending on the project undertaken, students may obtain ECR credit.

Term:

Offered Fall Term

• CHEM-429 Research & Seminar II

Prerequisites:

CHEM 212 and CHEM L212 and instructor's consent required

Credits:

1.00- 4.00

Description:

Second of a senior level, two-semester sequence of independent study under the supervision of faculty. Students may opt to conduct experimental research, proposal development, or literature review. Students desiring departmental honors and/or an ACS-accredited degree must conduct authentic research; consult with the course instructor. Development of a final research report and oral presentation to the department and the SU community are required elements. Depending on the project undertaken, students may obtain ECR credit.

Term:

Offered Spring Term

• **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

• BIO-114 Organismal Biology

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Rigorous introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• **PHYS-151 University Physics I**

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

• **PHYS-152 University Physics II**

Prerequisites:

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

Elective Requirements (2 courses and corresponding laboratories, 8 credits)

Choose two Biology electives from the following:

- **BIO-203 Anatomy and Physiology I**

Prerequisites:

BIO L203 MUST BE TAKEN CONCURRENTLY BIO 111, BIO L111.

Credits:

3.00

Description:

First part of a systematic survey of the structural and functional interrelations of the organ systems of the human body. This course emphasizes histology and physiology in the understanding of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

BIO 111/L111; Must take BIO-203 concurrently

Credits:

1.00

Description:

A study of the human skeletal system and a comparative look at other organ systems involving observation of anatomical models and dissection of mammalian specimens. Also includes microscopy and computer simulations of physiological processes.

Term:

Offered Fall Term

- **BIO-204 Anatomy and Physiology II**

Prerequisites:

BIO 203, BIO L203; BIO L204 must be taken concurrently;

Credits:

3.00

Description:

Conclusion of a systematic survey of the structural and functional interrelations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, digestive, urinary, and reproductive systems as well as the physiology of immune responses, nutrition, and acid-base balance. Medical terminology will be used.

Term:

Offered Spring Term

- **BIO-L204 Anatomy & Physiology Lab II**

Prerequisites:

BIO 203/L203 and BIO 204 must be taken concurrently;

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues and physiological experiments.

Term:

Offered Spring Term

- **BIO-274 Genetics**

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO L274 concurrently;

Credits:

3.00

Description:

An examination of the basic principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, structure and function of chromosomes and genomes, biological variation resulting

from recombination, mutation, and selection, and population genetics.

Term:

Offered Fall Term

- **BIO-L274 Genetics Lab**

Prerequisites:

BIO-111, BIO-L111, BIO-114, and BIO-L114. Must be taken concurrently with BIO 274.

Credits:

1.00

Description:

Experiments designed to demonstrate principles presented in lecture, using a range of genetic model organisms that include *E. coli*, *B. subtilis*, *S. cerevisiae*, *D. melanogaster*, *S. fimicola*, and *C. elegans*.

Term:

Offered Fall Term

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Spring Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-374 Genomics**

Prerequisites:

BIO 111/L111, CHEM 111/L111, BIO 274/L274 Must take BIO L374 concurrently

Credits:

3.00

Description:

What can we learn from genomics? In this course, you will develop an understanding of how cutting edge techniques from biotechnology are changing our views of biology. You will learn how genetic sequencing can be used for everything from tracing evolutionary histories in the tree of life to shedding light on biodiversity patterns of populations. With a focus on human genetics, you will also explore how genes are discovered and linked to phenotypic traits. Finally, you will consider methods of monitoring gene expression and how the resulting genetic networks can help medicine and drug development.

- **BIO-L374 Genomics Laboratory**

Prerequisites:

BIO 111/L111, CHEM 111/L111, BIO 274/L274 Must take BIO 374 concurrently

Credits:

1.00

Description:

In this course, you will develop an understanding of current genomic methods through collection and examination of your own data. In the first part of the lab, you will use sequencing techniques to compare genetic relationships and characterize the microbial biodiversity of a population. In the second part of the lab, you will focus on gene expression and functional genomics. You will determine the actions of a transcription factor through RNA-seq and also determine how a collection of uncharacterized transcription factors affect antibiotic sensitivity. In addition to reading primary literature and keeping a lab notebook, you will also learn how to analyze and present your genomics data.

• BIO-377 Immunology

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-L377 concurrently;

Credits:

3.00

Description:

The concept of immunity, response to infection, structure of the immune system, biochemistry of immunoglobins, antigen-antibody interactions, allergy, immunological injury, lymphocyte subpopulations and cellular immunity, tolerance suppression and enhancement. Taught alternate/even years.

Term:

Offered Spring Term

• BIO-L377 Immunology Laboratory

Prerequisites:

BIO-114 and BIO-L114 and CHEM-211 and CHEM-L211. Must take BIO-377 concurrently.

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immuno-chemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

- **BIO-403 Cell Biology**

Prerequisites:

BIO 111/L111; CHEM-211/L211; BIO-L403 concurrently;

Credits:

3.00

Description:

The study of cells, approached through examinations of biochemical mechanisms, the relation between the structure and function of biological molecules and organelles, and the regulation of normal and diseased cells.

Term:

Offered Fall Term

- **BIO-L403 Cell Biology Lab**

Prerequisites:

BIO-111 and BIO-L11 and CHEM-211 and CHEM-L211. Must take BIO-403 concurrently.

Credits:

1.00

Description:

Examination of biological molecules and their role in cell function. Techniques used in these examinations will include enzymatic analyses, gel electrophoresis, immunologic identification, chromatography, and spectroscopy. Students are expected to develop their proficiency in the laboratory techniques used, to analyze their results in a quantitative manner, and to present their findings.

Term:

Offered Fall Term

- **BIO-474 Molecular Genetics**

Prerequisites:

CHEM-311 or BIO-274 and BIO-L274 and BIO-L474 concurrently

Credits:

3.00

Description:

An examination of concepts and techniques of modern molecular biology. Topics include the structure and function of DNA, RNA, and proteins, the regulation of gene expression in prokaryotes and eukaryotes at transcriptional and post-transcriptional levels, genetic modification of organisms, and genome analysis. This course will incorporate readings and discussions of primary scientific literature. Spring semester.

Term:

Occasional

- **BIO-L474 Molecular Genetics Lab**

Prerequisites:

Take CHEM-331 or BIO-274 and BIO-L274. BIO-474 must be taken concurrently.

Credits:

1.00

Description:

This upper level laboratory course will consist of a semester-long project in the form of a series of consecutive experiments involving the generation of a genetically modified organism and its subsequent molecular analysis. Techniques employed will include genetic screens, DNA isolation, restriction endonuclease analysis, transformation of bacteria, gel electrophoresis, gene reported assays, RNA isolation, reverse transcription, and quantitative PCR.

Term:

Occasional

Note: BIO-274, BIO-403, and BIO-474 are recommended for those planning to take the Biochemistry GRE examination for application to graduate school.

CHEM-428 and CHEM-429 are variable credit courses (1-4 credits are awarded based on coursework). Please discuss this possibility with your advisor before registering for these courses. Students must take a total of three credits of CHEM-428 and CHEM-429 in order to satisfy the American Chemical Society Certification Requirements.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Biochemistry

The Chemistry & Biochemistry Department offers a Biochemistry major. Through a wide variety of laboratory-based courses and opportunities for independent research with faculty, the department provides students with the tools that will allow them to achieve success in their field while learning in the heart of one of the most scientifically progressive cities in the world.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Honors](#)
- [Biochemistry Courses](#)

To qualify for department honors, students must be in the CAS honors program or have an overall GPA of 3.5 or higher and a major GPA of 3.5 or higher upon enrollment in the senior capstone courses (CHEM 428 and CHEM 429). Honors thesis work is then coupled to the capstone course requirements. Thesis work must be of outstanding quality and must involve original independent laboratory or field research and/or in-depth analysis. Job shadowing, data collection/organization (without analysis), or research summaries will generally not be sufficient for consideration. Upon completion of the capstone course requirements, the faculty of the department, along with the research advisor, will determine whether the final research project qualifies for departmental honors.

Eligible students should submit an application to the department for pre-approval in October in the academic year in which they plan to complete the capstone honors research project. Applications for departmental honors may be obtained from the department chair or from the capstone CHEM 428 course instructor. We highly recommend that students begin planning their capstone project in their junior year. Students should work with their advisor and the honors coordinator to identify on- and off-campus opportunities for completion of thesis work.



2017-2018 Archived Catalog Information

Biochemistry

The Chemistry & Biochemistry Department offers a Biochemistry major. Through a wide variety of laboratory-based courses and opportunities for independent research with faculty, the department provides students with the tools that will allow them to achieve success in their field while learning in the heart of one of the most scientifically progressive cities in the world.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Honors](#)
- [Biochemistry Courses](#)

- CHEM-101 Chemical Concepts Contemporary Issues I

Credits:

3.00

Description:

No longer offered. Principles of chemistry with illustrations from everyday life. Basic chemical concepts are used to decode consumer product labels and form a basis for understanding contemporary issues. Specifically designed to satisfy the Science requirement when taken with CHEM 102, L101, L102. May not be used by science majors for science credit. Concurrent enrollment in CHEM L101 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall/Summer I.

- CHEM-L101 Chemical Concepts Contemporary Issues Lab I

Prerequisites:

Must be taken concurrently with CHEM 101

Credits:

1.00

Description:

No longer offered. Principles of chemistry and its applications demonstrated through experimentation. Experiments may include field testing and analysis of ocean and river water, testing of household products and sunscreens, determination of calorie content of foods, and molecular modeling with computers. May not be used by science majors for science credit. 2-hour laboratory. Normally offered Fall/Summer I.

- **CHEM-102 Chemical Concepts Contemporary Issues II**

Prerequisites:

It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level. Must be taken concurrently with CHEM L102

Credits:

3.00

Description:

No longer offered. A continuation of CHEM 101, including topics in organic chemistry, biochemistry, polymer chemistry, ecology, air and water pollution, food and food additives, pharmaceuticals, and forensic science. Basic Chemical concepts are used to decode consumer product labels and form a basis for understanding contemporary issues. Specifically designed to satisfy the science requirement. May not be used by science majors for science credit. Prerequisite: CHEM 101, CHEM 111 or pre-college chemistry. 3 hours lecture. Normally offered Spring/Summer II.

- **CHEM-L102 Chemical Concepts Contemporary Issues Lab II**

Prerequisites:

It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level. Must be taken concurrently with CHEM 102

Credits:

1.00

Description:

No longer offered. A continuation of CHEM L101. Experiments may include making plastics and drug products, analyzing food products, making a model of DNA, crime lab analysis procedures, making aspirin, and the study of flavors and fragrances using molecular models. Concurrent enrollment in CHEM 102 required. May not be used by science majors for science credit. Prerequisites: CHEM 101 and CHEM L101. 2-hour Laboratory. 1 term - 1 credit. Normally offered Spring/Summer II.

- CHEM-103 Chemical Concepts Contemporary Issues IIA

Prerequisites:

It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level.

Credits:

4.00

Description:

No longer offered. Topics include organic chemistry, biochemistry, polymer chemistry, ecology, air and water pollution, food and food additives, pharmaceuticals, and forensic science, with an emphasis on their application to current issues. Specifically designed to satisfy the non-laboratory science requirement for the B.A. degree. Science related information searches and writing assignments will be based on current topics from the semester's work. 3 hours lecture. It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level.

- CHEM-105 Chemical New Product Development

Prerequisites:

ENT 101

Credits:

4.00

Description:

This course addresses the crucial intersection between chemistry and business, and the impact of these fields on society. It provides an introduction to important chemistry concepts and practices of business management. Primary focus is on understanding the chemistry principles behind some of the consumer products in our everyday lives, and using this knowledge to create and evaluate ideas for new products. The course also introduces the business aspects involved in the development and marketing of new products. An important component of the course is in making effective presentations; this component concludes the course, culminating in team presentations of a new chemical product to panel of executives and peers. This course satisfies the Sawyer Business School Science requirement.

Type:

SCI TECH ENGNR

- **CHEM-106 Biotechnology & Its Applications in Medicine, Agriculture, Law**

Credits:

4.00

Description:

Introduces the latest discoveries and applications of biotechnology. Topics include genetically modified food, stem cells, genetic testing, cloning, and forensics. A combination of lectures, discussions, short documentaries, mock congressional hearings, and hands-on activities will provide insight into the numerous medical, social, legal, and ethical issues surrounding this technology.

Type:

SCI TECH ENGNR

- **CHEM-H106 Biotechnology & Its Applications in Medicine, Agriculture, Law**

Credits:

4.00

Description:

Introduces the latest discoveries and applications of biotechnology. Topics include genetically modified food, stem cells, genetic testing, cloning, and forensics. A combination of lectures, discussions, short documentaries, mock congressional hearings, and hands-on activities will provide insight into the numerous medical, social, legal, and ethical issues surrounding this technology.

Type:

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **CHEM-L111 General Chemistry Laboratory I**

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in

workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **CHEM-112 General Chemistry II**

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently. MATH 104 placement or higher.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Both Fall and Spring

- **CHEM-L112 General Chemistry Laboratory II**

Prerequisites:

MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 MATHT-MPEL3 MATH-104 MATH-130 MATH-134 MATH-164 or MATH-165. CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Laboratory. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as the application of Beer's Law and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

• **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112 and CHEM-L112. CHEM-L211 must be taken concurrently.

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry.

Term:

Offered Both Fall and Spring

• **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

CHEM-112 and CHEM-L112. Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Both Fall and Spring

• CHEM-212 Organic Chemistry II

Prerequisites:

CHEM 211 and CHEM L211. Must take CHEM-L212 concurrently.

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I. Includes detailed mechanistic discussions of substitution, elimination, and addition reactions. Emphasizes organic synthesis, structure determination, and spectroscopy.

Term:

Offered Both Fall and Spring

• CHEM-L212 Organic Chemistry Laboratory II

Prerequisites:

CHEM-211 and CHEM-L211. Must be take CHEM-212 concurrently.

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Emphasizes the characterization of organic molecules via nuclear magnetic resonance spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Both Fall and Spring

- **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Explores the basic techniques of collecting and analyzing data from different types of instrumentation, including: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Students will apply these techniques to problems in chemistry, forensics, and environmental science.

Term:

Offered Fall Term

- **CHEM-L314 Instrumental Analysis Laboratory**

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style.

Term:

Offered Fall Term

- **CHEM-331 Biochemistry I**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and bioinformatics techniques.

Term:

Offered Fall Term

- **CHEM-L331 Biochemical Techniques Lab**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM 331 must be taken concurrently

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays.

Term:

Offered Fall Term

- **CHEM-332 Biochemistry II**

Prerequisites:

CHEM 331 and CHEM-L332 concurrently

Credits:

3.00

Description:

Explores the principles of bioenergetics and metabolism of biomolecules. Includes intermediary metabolism of carbohydrates, lipids, amino acids, and oxidative phosphorylation. Additional topics include signal transduction and the regulation and integration of metabolism.

Term:

Offered Spring Term

- **CHEM-L332 Advanced Biochemical Techniques and Research Lab**

Prerequisites:

CHEM 331/L331. CHEM 332 must be taken concurrently.

Credits:

1.00

Description:

Advanced biochemistry laboratory course where students learn experimental design and critical analysis of the scientific literature while conducting novel research. Projects vary from year to year, but may include recombinant DNA techniques, purification and quantitation of DNA and proteins, protein detection, enzyme kinetics, and bioinformatics. Research is presented as a poster at the annual STEM banquet.

Term:

Offered Spring Term

- **CHEM-355 Environmental Chemistry**

Prerequisites:

CHEM 211, or permission of instructor

Credits:

3.00

Description:

A study of the chemical processes (including biologically mediated ones) that affect the cycling and ultimate fate of chemicals in the environment. Topics include air, water, and soil chemistry as well as energy and climate change. The effects of pollutant loads on natural systems and the remediation and treatment methods used to minimize pollutant loads are investigated. 3 hour lecture. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

• **CHEM-L355 Environmental Chemistry Lab**

Prerequisites:

CHEM 355 must be taken concurrently. Take CHEM-L211;

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 355. Prerequisites: CHEM L211, concurrent enrollment in CHEM 355 required. 4-hour laboratory. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

• **CHEM-375 Advanced Inorganic Chemistry**

Prerequisites:

CHEM 314/L314

Credits:

3.00

Description:

Topics in inorganic chemistry including bonding theories, chemical structures, symmetry and group theory, kinetics and mechanisms of reactions, and spectroscopy. Advanced topics may include bioinorganic chemistry, or organometallics.

Term:

Offered Every Other Year

- **CHEM-L375 Advanced Inorganic Laboratory**

Prerequisites:

CHEM 375 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 375. Prior or concurrent enrollment in CHEM 375 required.

Term:

Offered Every Other Year

- **CHEM-390 Advanced Organic Chemistry**

Prerequisites:

Prerequisite: CHEM 212.

Credits:

3.00

Description:

Expands on topics introduced in Organic Chemistry I and II; depending on student interest, may include in-depth discussions of carbonyl chemistry, industrial organic chemistry, organometallic chemistry and biomolecules.

Term:

Alternates Fall & Spring

- CHEM-411 Physical Chemistry I

Prerequisites:

CHEM 112; MATH 166;

Credits:

3.00

Description:

Explores quantum chemistry through simple model systems such as particle in a box, harmonic oscillator, rigid rotor, and hydrogen atom. Applications to electronic, vibrational, and rotational spectroscopy and elements of atomic and molecular structure.

Term:

Offered Fall Term

- CHEM-L411 Physical Chemistry Laboratory I

Prerequisites:

CHEM 411 must be taken concurrently

Credits:

1.00

Description:

Experiments in molecular spectroscopy, quantum chemistry, nanomaterials, and introduction to computational chemistry. Emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as demonstrated through reports prepared in the professional style.

Term:

Offered Fall Term

- **CHEM-412 Physical Chemistry II**

Prerequisites:

CHEM 411

Credits:

3.00

Description:

Explores the laws of thermodynamics and their molecular basis through the kinetic theory of gases and statistical mechanics. Includes chemical kinetics and theories of reaction rates.

Term:

Offered Spring Term

- **CHEM-L412 Physical Chemistry Laboratory II**

Prerequisites:

CHEM L411; CHEM 412 must be taken concurrently.

Credits:

1.00

Description:

Experiments in thermodynamics, materials, chemical kinetics, and computational chemistry. Emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as demonstrated by laboratory reports prepared in the professional style.

Term:

Offered Spring Term

- **CHEM-428 Research & Seminar I**

Prerequisites:

CHEM 212; CHEM L212; Instructor's Consent required

Credits:

1.00- 4.00

Description:

First of a senior level, two-semester sequence of independent study under the supervision of faculty. Students may opt to conduct experimental research, proposal development, or literature review. Students desiring departmental honors and/or an ACS-accredited degree must conduct authentic research; consult with the course instructor. Development of a research report and poster presentation to the department are required elements. Depending on the project undertaken, students may obtain ECR credit.

Term:

Offered Fall Term

- **CHEM-429 Research & Seminar II**

Prerequisites:

CHEM 212 and CHEM L212 and instructor's consent required

Credits:

1.00- 4.00

Description:

Second of a senior level, two-semester sequence of independent study under the supervision of faculty. Students may opt to conduct experimental research, proposal development, or literature review. Students desiring departmental honors and/or an ACS-accredited degree must conduct authentic research; consult with the course instructor. Development of a final research report and oral presentation to the department and the SU community are required elements. Depending on the project undertaken, students may obtain ECR credit.

Term:

Offered Spring Term

- **CHEM-L432 Advanced Biochemistry Research Laboratory**

Prerequisites:

CHEM-331; CHEM-L331

Credits:

3.00

Description:

No longer offered. Laboratory course where students apply the use of biochemical techniques acquired in Biochemical Techniques I (CHEM L331) to conduct novel research. Projects vary from year to year, but may include recombinant DNA techniques, purification and characterization of DNA and proteins, and bioinformatics. Emphasis on experimental design, data interpretation, analysis of the scientific literature, and writing. Includes field trip to local research university or biotechnology/pharmaceutical laboratory.

Term:

Alternates Fall & Spring

- **CHEM-453 Introduction to Toxicology**

Prerequisites:

CHEM-331 or instructor's consent

Credits:

3.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and target organ toxicity. Topics may include pesticides, neurotoxicants, toxicity of metals, and carcinogenesis/ mutagenesis. Examples will be drawn from forensic toxicology, as well as environmental and occupational toxicology.

Term:

Offered Every Other Year

- **CHEM-500 Experiential Learning in Chemistry**

Credits:

0.00

Description:

This course requires students to complete a minimum of 15 engagement hours per semester. Students gain exposure to a variety of activities related to research in a laboratory or field setting with faculty oversight. Permission of instructor required. May be taken more than once.

- **CHEM-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Advanced study of a special topic in chemistry, by arrangement with the chemistry faculty.



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Academic Catalogs

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2017-2018 Archived Catalog Information

Biology

The Biology major introduces the breadth of contemporary biology while allowing students to pursue their individual interests.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Minor Requirements](#)
- [Honors](#)
- [Biology Courses](#)

Major Requirements: 19 courses and their corresponding laboratories, 73 credits

Concentrations in biotechnology, marine science, and health careers are also available. A Biology major must take 11 courses in biology plus designated related science and math courses, in addition to the all-college requirements.

Core Requirements (13 courses and their corresponding laboratories where applicable, 49 credits)

Biology Requirement (6 courses and corresponding laboratories where applicable, 21 credits)

- **CAS-201 College to Career: Explore Your Options And Find Your Path**

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

• BIO-114 Organismal Biology

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Rigorous introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-274 Genetics**

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO L274 concurrently;

Credits:

3.00

Description:

An examination of the basic principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, structure and function of chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, and population genetics.

Term:

Offered Fall Term

- **BIO-L274 Genetics Lab**

Prerequisites:

BIO-111, BIO-L111, BIO-114, and BIO-L114. Must be taken concurrently with BIO 274.

Credits:

1.00

Description:

Experiments designed to demonstrate principles presented in lecture, using a range of genetic model organisms that include *E. coli*, *B. subtilis*, *S. cerevisiae*, *D. melanogaster*, *S. fimicola*, and *C. elegans*.

Term:

Offered Fall Term

- **BIO-302 Writing for Research**

Prerequisites:

BIO 111/L111 and WRI 101, WRI 102, or WRI-103. BIO and Radiation Therapy majors with junior standing only.

Credits:

4.00

Description:

Development of skills for writing clearly, concisely, and creatively in the style of scientific journals. This course emphasizes the formulation of a research project of the student's choice and leads to a formal manuscript on the topic. Instruction includes literature search methods and software for the graphical presentation of data. Professional development, including the preparation of job application materials and in-person interview skills, is also an integral part of this course. Required of all biology and radiation science majors. Junior standing required.

Term:

Offered Both Fall and Spring

- **BIO-333 Ecology**

Prerequisites:

BIO-114/L114; BIO-L333 concurrently;

Credits:

3.00

Description:

Areas of study include but are not limited to basic principles of population biology, community ecology, trophic dynamics, ecosystem structure and function and evolutionary theory.

Term:

Offered Fall Term

- **BIO-L333 Ecology Lab**

Prerequisites:

BIO-114, BIO-L114, and BIO-333 concurrently

Credits:

1.00

Description:

Field and laboratory experiences in techniques and concepts relevant to ecological theory, data collection, statistical analysis, visual representation and report preparation.

Term:

Offered Fall Term

Chemistry Requirement (4 courses and corresponding laboratories where applicable, 16 credits)

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

• **CHEM-L111 General Chemistry Laboratory I**

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **CHEM-112 General Chemistry II**

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently. MATH 104 placement or higher.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Both Fall and Spring

- **CHEM-L112 General Chemistry Laboratory II**

Prerequisites:

MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 MATHT-MPEL3 MATH-104 MATH-130 MATH-134 MATH-164 or MATH-165. CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Laboratory. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as the application of Beer's Law and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

- **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112 and CHEM-L112. CHEM-L211 must be taken concurrently.

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry.

Term:

Offered Both Fall and Spring

- **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

CHEM-112 and CHEM-L112. Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Both Fall and Spring

- **CHEM-212 Organic Chemistry II**

Prerequisites:

CHEM 211 and CHEM L211. Must take CHEM-L212 concurrently.

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I. Includes detailed mechanistic discussions of substitution, elimination, and addition reactions. Emphasizes organic synthesis, structure determination, and spectroscopy.

Term:

Offered Both Fall and Spring

- **CHEM-L212 Organic Chemistry Laboratory II**

Prerequisites:

CHEM-211 and CHEM-L211. Must be take CHEM-212 concurrently.

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Emphasizes the characterization of organic molecules via nuclear magnetic resonance spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Both Fall and Spring

Math Requirement (1 course, 4 credits)

Choose one of the following Mathematics courses:

- **MATH-134 Calculus for Management & Social Sciences**

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

or a higher level Mathematics course

Physics Requirement (2 courses and corresponding laboratories, 8 credits)

Choose one of the following sequences:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or MATH-165 or permission of Physics department chair; PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-112 College Physics II**

Prerequisites:

PHYS-111 and PHYS-L11. Must be taken concurrently with PHYS-L112.

Credits:

3.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics.

Term:

Offered Spring Term

- **PHYS-L112 College Physics Lab II**

Prerequisites:

PHYS 111 and PHYS L111; PHYS 112 must be taken concurrently

Credits:

1.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Spring Term

or

- **PHYS-151 University Physics I**

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

• PHYS-L152 University Physics Lab II

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

Divisional Requirements (3 courses, 12 credits)

Molecular/Cellular Biology Requirement (1 course, 4 credits)

Choose one of the following and its corresponding laboratory where applicable from the Molecular/Cellular division:

- **BIO-262 Principles of Cell Culture**

Prerequisites:

BIO 111, L111 and BIO 114, L114 and CHEM 111, L111

Credits:

4.00

Description:

The course is designed as an application base educational experience that will allow students to learn the standard techniques associated with successful cell culture. As such, students are responsible for the maintenance, propagation, isolation, and preservation of their cells. A number of cell types and experimental manipulations of the cultures are investigated throughout the semester.

Term:

Offered Spring Term

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Spring Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-360 Cancer Biology**

Prerequisites:

BIO-111, BIO-L111, BIO-114, BIO-L114, BIO-274, and BIO-L274

Credits:

4.00

Description:

An examination of molecular and cellular mechanisms that lead to the development of cancer. Factors contributing to tumorigenesis, angiogenesis, and metastasis will be discussed; these factors, oncogenes, tumor suppressor genes, and signal transduction networks. In addition, an investigation of current strategies for cancer prevention and treatment will be considered.

- **BIO-374 Genomics**

Prerequisites:

BIO 111/L111, CHEM 111/L111, BIO 274/L274 Must take BIO L374 concurrently

Credits:

3.00

Description:

What can we learn from genomics? In this course, you will develop an understanding of how cutting edge techniques from biotechnology are changing our views of biology. You will learn how genetic sequencing can be used for everything from tracing evolutionary histories in the tree of life to shedding light on biodiversity patterns of populations. With a focus on human genetics, you will also explore how genes are discovered and linked to phenotypic traits. Finally, you will consider methods of monitoring gene expression and how the resulting genetic networks can help medicine and drug development.

- **BIO-L374 Genomics Laboratory**

Prerequisites:

BIO 111/L111, CHEM 111/L111, BIO 274/L274 Must take BIO 374 concurrently

Credits:

1.00

Description:

In this course, you will develop an understanding of current genomic methods through collection and examination of your own data. In the first part of the lab, you will use sequencing techniques to compare genetic relationships and characterize the microbial biodiversity of a population. In the second part of the lab, you will focus on gene expression and functional genomics. You will determine the actions of a transcription factor through RNA-seq and also determine how a collection of uncharacterized transcription factors affect antibiotic sensitivity. In addition to reading primary literature and keeping a lab notebook, you will also learn how to analyze and present your genomics data.

- **BIO-377 Immunology**

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-L377 concurrently;

Credits:

3.00

Description:

The concept of immunity, response to infection, structure of the immune system, biochemistry of immunoglobins, antigen-antibody interactions, allergy, immunological injury, lymphocyte subpopulations and cellular immunity, tolerance suppression and enhancement. Taught alternate/even years.

Term:

Offered Spring Term

- **BIO-L377 Immunology Laboratory**

Prerequisites:

BIO-114 and BIO-L114 and CHEM-211 and CHEM-L211. Must take BIO-377 concurrently.

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immuno-chemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

- **BIO-385 Advanced Microbiology**

Prerequisites:

BIO-274 and BIO-L274 or BIO-285 and BIO-L285; BIO-L385 must be taken concurrently

Credits:

4.00

Description:

The molecular mechanisms of host-microbe interactions and the epidemiology and public health aspects of microorganisms are stressed. Also covered are current topics in microbiology including antimicrobial therapy and resistance, emerging pathogens and novel applications of microbiology. Experimental design and troubleshooting skills are developed, using contemporary microbiology and molecular biology laboratory techniques. Taught alternate/odd years.

Term:

Offered Fall Term

- **BIO-403 Cell Biology**

Prerequisites:

BIO 111/L111; CHEM-211/L211; BIO-L403 concurrently;

Credits:

3.00

Description:

The study of cells, approached through examinations of biochemical mechanisms, the relation between the structure and function of biological molecules and organelles, and the regulation of normal and diseased cells.

Term:

Offered Fall Term

- **BIO-L403 Cell Biology Lab**

Prerequisites:

BIO-111 and BIO-L11 and CHEM-211 and CHEM-L211. Must take BIO-403 concurrently.

Credits:

1.00

Description:

Examination of biological molecules and their role in cell function. Techniques used in these examinations will include enzymatic analyses, gel electrophoresis, immunologic identification, chromatography, and spectroscopy. Students are expected to develop their proficiency in the laboratory techniques used, to analyze their results in a quantitative manner, and to present their findings.

Term:

Offered Fall Term

• BIO-474 Molecular Genetics

Prerequisites:

CHEM-311 or BIO-274 and BIO-L274 and BIO-L474 concurrently

Credits:

3.00

Description:

An examination of concepts and techniques of modern molecular biology. Topics include the structure and function of DNA, RNA, and proteins, the regulation of gene expression in prokaryotes and eukaryotes at transcriptional and post-transcriptional levels, genetic modification of organisms, and genome analysis. This course will incorporate readings and discussions of primary scientific literature. Spring semester.

Term:

Occasional

• BIO-L474 Molecular Genetics Lab

Prerequisites:

Take CHEM-331 or BIO-274 and BIO-L274. BIO-474 must be taken concurrently.

Credits:

1.00

Description:

This upper level laboratory course will consist of a semester-long project in the form of a series of consecutive experiments involving the generation of a genetically modified organism and its subsequent molecular analysis. Techniques employed will include genetic screens, DNA isolation, restriction endonuclease analysis, transformation of bacteria, gel electrophoresis, gene reported assays, RNA isolation, reverse transcription, and quantitative PCR.

Term:

Occasional

Organismic Structure & Function Requirement (1 course, 4 credits)

Choose one of the following and its corresponding laboratory where applicable from the Organismic Structure and Function division:

- **BIO-203 Anatomy and Physiology I**

Prerequisites:

BIO L203 MUST BE TAKEN CONCURRENTLY BIO 111, BIO L111.

Credits:

3.00

Description:

First part of a systematic survey of the structural and functional interrelations of the organ systems of the human body. This course emphasizes histology and physiology in the understanding of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

BIO 111/L111; Must take BIO-203 concurrently

Credits:

1.00

Description:

A study of the human skeletal system and a comparative look at other organ systems involving observation of anatomical models and dissection of mammalian specimens. Also includes microscopy and computer simulations of physiological processes.

Term:

Offered Fall Term

- **BIO-204 Anatomy and Physiology II**

Prerequisites:

BIO 203, BIO L203; BIO L204 must be taken concurrently;

Credits:

3.00

Description:

Conclusion of a systematic survey of the structural and functional interrelations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, digestive, urinary, and reproductive systems as well as the physiology of immune responses, nutrition, and acid-base balance. Medical terminology will be used.

Term:

Offered Spring Term

- **BIO-L204 Anatomy & Physiology Lab II**

Prerequisites:

BIO 203/L203 and BIO 204 must be taken concurrently;

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues and physiological experiments.

Term:

Offered Spring Term

- **BIO-225 Plant Biology**

Prerequisites:

Bio 111, L111 and Bio 114, L114; Must be taken concurrently with L225.

Credits:

3.00

Description:

Course introduces students to the anatomy, physiology, systematics, ecology, and economic uses of all major groups of plants. Aspects of the biology of nonvascular, non-seed, gymnosperm, and angiosperm plants are explored. An overview of Kingdom Fungi is also covered. Each student is required to do a 10-15 minute presentation to the class highlighting the economic use of a group of plants assigned by the instructor. Normally offered Spring semester.

Term:

Offered Spring Term

- **BIO-L225 Plant Biology Laboratory**

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO 225 concurrently;

Credits:

1.00

Description:

Lab exercises focus on plant anatomy, physiology, and systematics. Instruction in the identification of major plant families and fungal types is covered. Trips to a Boston area herbarium and botanical garden are required.

Term:

Offered Spring Term

• BIO-233 Human Nutrition

Prerequisites:

BIO 111/L111 and BIO 114/L114;

Credits:

4.00

Description:

This interactive introduction to nutrition explores the science of human nutrition and further reviews concepts of how nutrition can promote health and well being. The course will review specific nutrient needs and functions, nutrient digestion, and the role of diet in well being and in the presence of chronic disease. Weekly course work encourages scientific literacy and fosters critical evaluation of nutrition in the news and in social media.

• BIO-304 Comparative Animal Physiology

Prerequisites:

BIO-114 and BIO-L114. Must take BIO-L304 concurrently

Credits:

3.00

Description:

Mechanisms of physiological adaptations to environmental challenges are studied. Examples of gas exchange, osmoregulation, fluid transport, temperature regulation, nervous control, and movement are examined in various animal forms through class lecture and discussion, required readings, and external lectures. Spring semester.

Term:

Offered Spring Term

- **BIO-L304 Comp Animal Physiology Lab**

Prerequisites:

BIO-114 and BIO-L114. Must take BIO-304 concurrently.

Credits:

1.00

Description:

Selected physiological processes and mechanisms or adaptation in invertebrate and vertebrate animals are examined by observation and controlled experiments.

- **BIO-350 Vertebrate Biology**

Prerequisites:

BIO-111/L111; BIO-114/L114; BIO-L350 concurrently;

Credits:

3.00

Description:

This class will focus on the form and function of vertebrate animals from an evolutionary standpoint. The adaptations of major groups will be discussed in light of their phylogenetic history and ecology. A discussion of major adaptive radiations and abiotic factors that influenced these trends will also be highlighted.

Term:

Occasional

- **BIO-L350 Vertebrate Biology Lab**

Prerequisites:

BIO-111/L111; BIO-114/L114; BIO-350 concurrently;

Credits:

1.00

Description:

This lab will focus on the comparative anatomy of vertebrate animals. In-depth dissections will be the focus of the laboratory exercises. A Squalus shark, a Necturus salamander, a pigeon, and a mink will be examined in detail.

Term:

Occasional

- **BIO-475 Developmental Biology**

Prerequisites:

BIO-114, L114 and CHEM-211, L211

Credits:

3.00

Description:

This course focuses on embryonic development in vertebrates. The conceptual focus on evolutionary developmental biology includes comparative developmental mechanisms and Epigenetic processes.

Term:

Offered Fall Term

Diversity, the Environment, and Conservation Requirement (1 course, 4 credits)

Choose one of the following and its corresponding laboratory where applicable from the Diversity, the Environment, and Conservation division:

• BIO-222 Field Botany

Prerequisites:

BIO 111 and BIO-L111. This course will fulfill the Expanded Classroom Requirement.

Credits:

4.00

Description:

A three-week camping excursion, during which common tracheotypes, bryophytes, algae, and other photosynthetic organisms characteristic of various habits in Maine will be identified. Emphasis will be on plant ecology including species interactions and habitat requirements. Vertical zonation in mountains, lakes and intertidal areas will be a point of focus. Participants will camp for one week at each of three sites: Baxter State Park, Central Maine (near Augusta), and on Cobscook Bay. Travel will be by van(s) and hiking (up to ten miles a day) over difficult terrain. Sleeping bags and pads required (tents provided). Additional fees: Camping and food est. \$525.00. ECR. The three-week camping excursion typically runs from late May (after tradition Spring course finals are over) into June. Taught yearly.

Term:

Offered Spring Term

• BIO-240 Introduction to Marine Mammals

Prerequisites:

BIO-111, BIO-L111, BIO-114, and BIO-L114

Credits:

4.00

Description:

This course explores the biology and natural history of marine mammals, including cetaceans, pinnipeds, and sirenians, with a particular focus on species endemic to the North Atlantic. Topics include evolution, anatomy, physiology, behavior, ecology, field identification, the history of whaling and sealing, and contemporary management and conservation issues. Hands-on activities may include the dissection of a small marine mammal and a whale watch in Massachusetts Bay.

- **BIO-254 Marine Biology**

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-L254 concurrently;

Credits:

3.00

Description:

Introduction to the marine environment, its organisms and their specific adaptations. Emphasis on marine and estuarine ecology, intertidal habits, trophic relations, and physiology. Human impacts on the sea: fisheries, mariculture, pollution, introduced species, climate change and seawater acidification, and law of the sea. Taught yearly each fall.

Term:

Offered Fall Term

- **BIO-L254 Marine Biology Lab**

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-254 concurrently;

Credits:

1.00

Description:

Field trips to local marine environments, museums, and aquaria; field and laboratory study and observations of live, preserved, and models of marine organisms.

Term:

Offered Fall Term

- **BIO-315 Animal Behavior**

Prerequisites:

BIO-114/L114

Credits:

4.00

Description:

Surveys animal behavior in a range of species (invertebrates, birds, fish, mammals including humans) to assess similarities and differences in the evolution of behaviors and their physiological mechanisms by which individual organisms and species adapt to their environments. Topics include: predator evasion; mating systems; parental care; social behavior; and learning.

Term:

Offered Spring Term

• **BIO-337 Evolution**

Prerequisites:

Take BIO-111 BIO-L111 BIO-114 BIO-L114. BIO 274 recommended.

Credits:

4.00

Description:

A survey of evolutionary theory, exploring processes such as the genetic sources of variation, natural and sexual selection, and evolutionary developmental biology. Using phylogenetic systematics and other tools, we will demonstrate how these mechanisms result in the visible patterns of evolution. This is a reading-and-writing intensive course centered on close reading of Origin of the Species and discussion of recent peer-reviewed literature about evolution.

Term:

Summer

• **BIO-343 Biodiversity & Conservation Biology**

Prerequisites:

BIO-114 and BIO-L114

Credits:

4.00

Description:

This course covers a broad spectrum of aspects of biodiversity and conservation by examining key elements ranging from global patterns in the distribution of life on our planet to the effects our human population is causing on those patterns. Examples from marine and terrestrial animals and plants are used to convey current ideas with a focus on the importance of global biodiversity, and the design of management programs for the conservation of species and ecosystems. 4-credit

- **BIO-345 The Biology of Vector Borne Diseases**

Prerequisites:

BIO-114/L114;

Credits:

4.00

Description:

A survey of the occurrence, life history and pathogenicity of the most important arthropod-borne, human diseases both internationally (malaria, dengue, plague, trypanosomiasis, yellow fever, etc.) and within the United States (Lyme disease, EEE, West Nile Virus, and others). Demographic and environmental factors leading to the re-emergence and spread of these diseases will be considered.

- **BIO-357 Biology of Fishes**

Prerequisites:

BIO 114/L114, and Junior standing. Requires permission from Marine Sciences Coordinator.

Credits:

3.00

Description:

The evolution, systematics, anatomy, physiology and behavior of freshwater, marine and anadromous fishes from temperate to tropical environments. The interactions of fish in their environments, including predator-prey relationships, host-symbiont interactions, and fish as herbivores. Taken with permission from the Marine Science Consortium Coordinator. [This is a Marine Science Consortium Course and enrollment is limited] Evenings only: off campus

Term:

Offered Spring Term

• BIO-359 Biology of Whales

Prerequisites:

BIO-111, BIO-L111, BIO-114, BIO-L114, and 2 BIO courses at the 200 level or above. Requires permission from Marine Sciences Coordinator.

Credits:

3.00

Description:

This course provides a comprehensive review of the biology, ecology, and management of cetaceans. A thorough grounding in cetacean mammalogy and population biology will prepare students to understand conservation problems presented as case histories. Students will also complete an independent research paper on a topic related to cetacean biology. Hands-on activities may include the dissection of a small cetacean and a shore-based whale watch in Cape Cod Bay. This course is part of the Marine Studies Consortium and will be held at the New England Aquarium. Taken with permission from the Marine Science Consortium Coordinator. [This is a Marine Science Consortium Course and enrollment is limited]

Electives (3 courses, 12 credits)

Choose three Biology course electives and their corresponding laboratories where applicable. Any of the courses listed above may be taken as an elective if another course is taken to fulfill the division requirement. If a student chooses one of the concentrations, the concentration requirements will fulfill these elective courses.

Additional elective options are:

• BIO-273 Biostatistics

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the statistical methods used to evaluate biological problems. Sampling, probability, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered. Software for data handling, graphics, and analysis will be used.

Term:

Offered Fall Term

Type:

Quantitative Analysis

- **BIO-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 5.00

Description:

Student projects may be initiated by a student or faculty member with the approval of the Chairperson. A paper and oral report are required. Only ONE independent study may be used toward biology electives.

Term:

Offered Both Fall and Spring

- **CHEM-331 Biochemistry I**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and bioinformatics techniques.

Term:

Offered Fall Term

- **CHEM-L331 Biochemical Techniques Lab**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM 331 must be taken concurrently

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays.

Term:

Offered Fall Term

- **SCI-251 Intro to Coastal Geology**

Prerequisites:

Intro Math

Credits:

4.00

Description:

Coastal environments will be analyzed with an emphasis on the important environmental characteristics of these areas. Management and environmental problems within the coastal and offshore areas such as beach erosion, beach access, and oil spills will be considered. One required field trip.

Term:

Offered Spring Term

- **SCI-L251 Intro Coastal Geology I Lab**

Prerequisites:

SCI 251 must be taken concurrently

Credits:

1.00

Description:

An introduction to laboratory and field techniques used in the geological study of coastal environments. Field trips will be taken to local coastal areas.

Term:

Offered Spring Term

Note: Transfer students wishing to major in Biology must meet the residency requirement plus complete senior seminar in Biology at Suffolk University with a minimum grade point average of 2.0.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Biology

The Biology major introduces the breadth of contemporary biology while allowing students to pursue their individual interests.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Minor Requirements](#)
- [Honors](#)
- [Biology Courses](#)

Biotechnology Concentration Requirements: 19 courses and corresponding laboratories where applicable, 73 credits

The concentration in Biotechnology focuses on molecular and cellular principles in biology. Students are encouraged to seek relevant industry experience during the summer between the sophomore and junior year. Students should consult with the concentration coordinator early in their academic career to determine available placements and to obtain counseling regarding appropriate courses for the concentration.

The concentration requires the completion of all Biology major core requirements (listed in the Major Requirements tab), as well as the following:

- **BIO-403 Cell Biology**

Prerequisites:

BIO 111/L111; CHEM-211/L211; BIO-L403 concurrently;

Credits:

3.00

Description:

The study of cells, approached through examinations of biochemical mechanisms, the relation between the structure and function of biological molecules and organelles, and the regulation of normal and diseased cells.

Term:

Offered Fall Term

- **BIO-L403 Cell Biology Lab**

Prerequisites:

BIO-111 and BIO-L11 and CHEM-211 and CHEM-L211. Must take BIO-403 concurrently.

Credits:

1.00

Description:

Examination of biological molecules and their role in cell function. Techniques used in these examinations will include enzymatic analyses, gel electrophoresis, immunologic identification, chromatography, and spectroscopy. Students are expected to develop their proficiency in the laboratory techniques used, to analyze their results in a quantitative manner, and to present their findings.

Term:

Offered Fall Term

- **BIO-474 Molecular Genetics**

Prerequisites:

CHEM-311 or BIO-274 and BIO-L274 and BIO-L474 concurrently

Credits:

3.00

Description:

An examination of concepts and techniques of modern molecular biology. Topics include the structure and function of DNA, RNA, and proteins, the regulation of gene expression in prokaryotes and eukaryotes at transcriptional and post-transcriptional levels, genetic modification of organisms, and genome analysis. This course will incorporate readings and discussions of primary scientific literature. Spring semester.

Term:

Occasional

- **BIO-L474 Molecular Genetics Lab**

Prerequisites:

Take CHEM-331 or BIO-274 and BIO-L274. BIO-474 must be taken concurrently.

Credits:

1.00

Description:

This upper level laboratory course will consist of a semester-long project in the form of a series of consecutive experiments involving the generation of a genetically modified organism and its subsequent molecular analysis. Techniques employed will include genetic screens, DNA isolation, restriction endonuclease analysis, transformation of bacteria, gel electrophoresis, gene reported assays, RNA isolation, reverse transcription, and quantitative PCR.

Term:

Occasional

Choose one Organismic Structure and Function Division course (options listed in the Major Requirements tab)

Choose one Diversity, Environment, and Conservation Division course (options listed in the Major Requirements tab)

Choose two of the following Biology electives:

- **BIO-262 Principles of Cell Culture**

Prerequisites:

BIO 111, L111 and BIO 114, L114 and CHEM 111, L111

Credits:

4.00

Description:

The course is designed as an application base educational experience that will allow students to learn the standard techniques associated with successful cell culture. As such, students are responsible for the maintenance, propagation, isolation, and preservation of their cells. A number of cell types and experimental manipulations of the cultures are investigated throughout the semester.

Term:

Offered Spring Term

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Spring Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-374 Genomics**

Prerequisites:

BIO 111/L111, CHEM 111/L111, BIO 274/L274 Must take BIO L374 concurrently

Credits:

3.00

Description:

What can we learn from genomics? In this course, you will develop an understanding of how cutting edge techniques from biotechnology are changing our views of biology. You will learn how genetic sequencing can be used for everything from tracing evolutionary histories in the tree of life to shedding light on biodiversity patterns of populations. With a focus on human genetics, you will also explore how genes are discovered and linked to phenotypic traits. Finally, you will consider methods of monitoring gene expression and how the resulting genetic networks can help medicine and drug development.

- **BIO-L374 Genomics Laboratory**

Prerequisites:

BIO 111/L111, CHEM 111/L111, BIO 274/L274 Must take BIO 374 concurrently

Credits:

1.00

Description:

In this course, you will develop an understanding of current genomic methods through collection and examination of your own data. In the first part of the lab, you will use sequencing techniques to compare genetic relationships and characterize the microbial biodiversity of a population. In the second part of the lab, you will focus on gene expression and functional genomics. You will determine the actions of a transcription factor through RNA-seq and also determine how a collection of uncharacterized transcription factors affect antibiotic sensitivity. In addition to reading primary literature and keeping a lab notebook, you will also learn how to analyze and present your genomics data.

• BIO-377 Immunology

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-L377 concurrently;

Credits:

3.00

Description:

The concept of immunity, response to infection, structure of the immune system, biochemistry of immunoglobins, antigen-antibody interactions, allergy, immunological injury, lymphocyte subpopulations and cellular immunity, tolerance suppression and enhancement. Taught alternate/even years.

Term:

Offered Spring Term

• BIO-L377 Immunology Laboratory

Prerequisites:

BIO-114 and BIO-L114 and CHEM-211 and CHEM-L211. Must take BIO-377 concurrently.

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immuno-chemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

- **BIO-475 Developmental Biology**

Prerequisites:

BIO-114, L114 and CHEM-211, L211

Credits:

3.00

Description:

This course focuses on embryonic development in vertebrates. The conceptual focus on evolutionary developmental biology includes comparative developmental mechanisms and Epigenetic processes.

Term:

Offered Fall Term

- **BIO-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 5.00

Description:

Student projects may be initiated by a student or faculty member with the approval of the Chairperson. A paper and oral report are required. Only ONE independent study may be used toward biology electives.

Term:

Offered Both Fall and Spring

- **CHEM-331 Biochemistry I**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and bioinformatics techniques.

Term:

Offered Fall Term

- **CHEM-L331 Biochemical Techniques Lab**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM 331 must be taken concurrently

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays.

Term:

Offered Fall Term

- **CHEM-332 Biochemistry II**

Prerequisites:

CHEM 331 and CHEM-L332 concurrently

Credits:

3.00

Description:

Explores the principles of bioenergetics and metabolism of biomolecules. Includes intermediary metabolism of carbohydrates, lipids, amino acids, and oxidative phosphorylation. Additional topics include signal transduction and the regulation and integration of metabolism.

Term:

Offered Spring Term

Please note that all courses must be taken with the corresponding laboratory class where applicable.

Marine Science Concentration Requirements: 19 courses and corresponding laboratories where applicable, 73 credits

The Marine Science concentration introduces students to marine studies while maintaining the rigor and career flexibility of a traditional Biology major. Our aim is to prepare students to make career decisions based on real familiarity with marine studies. The distinguishing feature of the concentration is the completion of three courses and associated labs in the field of marine science.

The concentration requires the completion of all Biology core requirements AND all Biology divisional requirements (listed in the Major Requirements tab), as well as the following electives:

- **BIO-254 Marine Biology**

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-L254 concurrently;

Credits:

3.00

Description:

Introduction to the marine environment, its organisms and their specific adaptations. Emphasis on marine and estuarine ecology, intertidal habits, trophic relations, and physiology. Human impacts on the sea: fisheries, mariculture, pollution, introduced species, climate change and seawater acidification, and law of the sea. Taught yearly each fall.

Term:

Offered Fall Term

- **BIO-L254 Marine Biology Lab**

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-254 concurrently;

Credits:

1.00

Description:

Field trips to local marine environments, museums, and aquaria; field and laboratory study and observations of live, preserved, and models of marine organisms.

Term:

Offered Fall Term

Choose two of the following courses:

- **BIO-240 Introduction to Marine Mammals**

Prerequisites:

BIO-111, BIO-L111, BIO-114, and BIO-L114

Credits:

4.00

Description:

This course explores the biology and natural history of marine mammals, including cetaceans, pinnipeds, and sirenians, with a particular focus on species endemic to the North Atlantic. Topics include evolution, anatomy, physiology, behavior, ecology, field identification, the history of whaling and sealing, and contemporary management and conservation issues. Hands-on activities may include the dissection of a small marine mammal and a whale watch in Massachusetts Bay.

- **BIO-343 Biodiversity & Conservation Biology**

Prerequisites:

BIO-114 and BIO-L114

Credits:

4.00

Description:

This course covers a broad spectrum of aspects of biodiversity and conservation by examining key elements ranging from global patterns in the distribution of life on our planet to the effects our human population is causing on those patterns. Examples from marine and terrestrial animals and plants are used to convey current ideas with a focus on the importance of global biodiversity, and the design of management programs for the conservation of species and ecosystems. 4-credit

- **BIO-357 Biology of Fishes**

Prerequisites:

BIO 114/L114, and Junior standing. Requires permission from Marine Sciences Coordinator.

Credits:

3.00

Description:

The evolution, systematics, anatomy, physiology and behavior of freshwater, marine and anadromous fishes from temperate to tropical environments. The interactions of fish in their environments, including predator-prey relationships, host-symbiont interactions, and fish as herbivores. Taken with permission from the Marine Science Consortium Coordinator. [This is a Marine Science Consortium Course and enrollment is limited] Evenings only: off campus

Term:

Offered Spring Term

- **BIO-359 Biology of Whales**

Prerequisites:

BIO-111, BIO-L111, BIO-114, BIO-L114, and 2 BIO courses at the 200 level or above. Requires permission from Marine Sciences Coordinator.

Credits:

3.00

Description:

This course provides a comprehensive review of the biology, ecology, and management of cetaceans. A thorough grounding in cetacean mammalogy and population biology will prepare students to understand conservation problems presented as case histories. Students will also complete an independent research paper on a topic related to cetacean biology. Hands-on activities may include the dissection of a small cetacean and a shore-based whale watch in Cape Cod Bay. This course is part of the Marine Studies Consortium and will be held at the New England Aquarium. Taken with permission from the Marine Science Consortium Coordinator. [This is a Marine Science Consortium Course and enrollment is limited]

- **SCI-251 Intro to Coastal Geology**

Prerequisites:

Intro Math

Credits:

4.00

Description:

Coastal environments will be analyzed with an emphasis on the important environmental characteristics of these areas. Management and environmental problems within the coastal and offshore areas such as beach erosion, beach access, and oil spills will be considered. One required field trip.

Term:

Offered Spring Term

- **SCI-L251 Intro Coastal Geology I Lab**

Prerequisites:

SCI 251 must be taken concurrently

Credits:

1.00

Description:

An introduction to laboratory and field techniques used in the geological study of coastal environments. Field trips will be taken to local coastal areas.

Term:

Offered Spring Term

Please note that all courses must be taken with the corresponding laboratory class where applicable.

Health Careers Concentration Requirements: 19 courses and corresponding laboratories where applicable, 73 credits

The objective of the Health Careers Concentration is to prepare students for graduate programs in fields such as allopathic or osteopathic medicine, physician assistant, dentistry, veterinary medicine, nurse practitioner, physical therapy, pharmacy, and other related fields. The Health Careers concentration is focused on assisting students in gaining acceptance to graduate clinical training but it is not intended to be bachelor's-level preparation for a specific clinical field. This concentration is intended to be general enough to allow students to tailor their coursework with their major advisor while still getting a solid grounding in the discipline.

The concentration requires the completion of all Biology major core requirements (listed in the Major Requirements tab), as well as the following:

Choose one of the following courses from the Molecular/Cellular Division:

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Spring Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-403 Cell Biology**

Prerequisites:

BIO 111/L111; CHEM-211/L211; BIO-L403 concurrently;

Credits:

3.00

Description:

The study of cells, approached through examinations of biochemical mechanisms, the relation between the structure and function of biological molecules and organelles, and the regulation of normal and diseased cells.

Term:

Offered Fall Term

- **BIO-L403 Cell Biology Lab**

Prerequisites:

BIO-111 and BIO-L11 and CHEM-211 and CHEM-L211. Must take BIO-403 concurrently.

Credits:

1.00

Description:

Examination of biological molecules and their role in cell function. Techniques used in these examinations will include enzymatic analyses, gel electrophoresis, immunologic identification, chromatography, and spectroscopy. Students are expected to develop their proficiency in the laboratory techniques used, to analyze their results in a quantitative manner, and to present their findings.

Term:

Offered Fall Term

Choose one of the following courses from the Organismic Structure and Function Division:

- **BIO-203 Anatomy and Physiology I**

Prerequisites:

BIO L203 MUST BE TAKEN CONCURRENTLY BIO 111, BIO L111.

Credits:

3.00

Description:

First part of a systematic survey of the structural and functional interrelations of the organ systems of the human body. This course emphasizes histology and physiology in the understanding of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

BIO 111/L111; Must take BIO-203 concurrently

Credits:

1.00

Description:

A study of the human skeletal system and a comparative look at other organ systems involving observation of anatomical models and dissection of mammalian specimens. Also includes microscopy and computer simulations of physiological processes.

Term:

Offered Fall Term

- **BIO-304 Comparative Animal Physiology**

Prerequisites:

BIO-114 and BIO-L114. Must take BIO-L304 concurrently

Credits:

3.00

Description:

Mechanisms of physiological adaptations to environmental challenges are studied. Examples of gas exchange, osmoregulation, fluid transport, temperature regulation, nervous control, and movement are examined in various animal forms through class lecture and discussion, required readings, and external lectures. Spring semester.

Term:

Offered Spring Term

Choose one Diversity, Environment, and Conservation Division course (options listed in the Major Requirements tab)

Choose three of the following Biology elective courses:

- **BIO-203 Anatomy and Physiology I**

Prerequisites:

BIO L203 MUST BE TAKEN CONCURRENTLY BIO 111, BIO L111.

Credits:

3.00

Description:

First part of a systematic survey of the structural and functional interrelations of the organ systems of the human body. This course emphasizes histology and physiology in the understanding of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

BIO 111/L111; Must take BIO-203 concurrently

Credits:

1.00

Description:

A study of the human skeletal system and a comparative look at other organ systems involving observation of anatomical models and dissection of mammalian specimens. Also includes microscopy and computer simulations of physiological processes.

Term:

Offered Fall Term

- **BIO-204 Anatomy and Physiology II**

Prerequisites:

BIO 203, BIO L203; BIO L204 must be taken concurrently;

Credits:

3.00

Description:

Conclusion of a systematic survey of the structural and functional interrelations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, digestive, urinary, and reproductive systems as well as the physiology of immune responses, nutrition, and acid-base balance. Medical terminology will be used.

Term:

Offered Spring Term

- **BIO-L204 Anatomy & Physiology Lab II**

Prerequisites:

BIO 203/L203 and BIO 204 must be taken concurrently;

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues and physiological experiments.

Term:

Offered Spring Term

- **BIO-233 Human Nutrition**

Prerequisites:

BIO 111/L111 and BIO 114/L114;

Credits:

4.00

Description:

This interactive introduction to nutrition explores the science of human nutrition and further reviews concepts of how nutrition can promote health and well being. The course will review specific nutrient needs and functions, nutrient digestion, and the role of diet in well being and in the presence of chronic disease. Weekly course work encourages scientific literacy and fosters critical evaluation of nutrition in the news and in social media.

- **BIO-273 Biostatistics**

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the statistical methods used to evaluate biological problems. Sampling, probability, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered. Software for data handling, graphics, and analysis will be used.

Term:

Offered Fall Term

Type:

- **BIO-304 Comparative Animal Physiology**

Prerequisites:

BIO-114 and BIO-L114. Must take BIO-L304 concurrently

Credits:

3.00

Description:

Mechanisms of physiological adaptations to environmental challenges are studied. Examples of gas exchange, osmoregulation, fluid transport, temperature regulation, nervous control, and movement are examined in various animal forms through class lecture and discussion, required readings, and external lectures. Spring semester.

Term:

Offered Spring Term

- **BIO-360 Cancer Biology**

Prerequisites:

BIO-111, BIO-L111, BIO-114, BIO-L114, BIO-274, and BIO-L274

Credits:

4.00

Description:

An examination of molecular and cellular mechanisms that lead to the development of cancer. Factors contributing to tumorigenesis, angiogenesis, and metastasis will be discussed; these factors, oncogenes, tumor suppressor genes, and signal transduction networks. In addition, an investigation of current strategies for cancer prevention and treatment will be considered.

- **BIO-377 Immunology**

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-L377 concurrently;

Credits:

3.00

Description:

The concept of immunity, response to infection, structure of the immune system, biochemistry of immunoglobins, antigen-antibody interactions, allergy, immunological injury, lymphocyte subpopulations and cellular immunity, tolerance suppression and enhancement. Taught alternate/even years.

Term:

Offered Spring Term

- **BIO-L377 Immunology Laboratory**

Prerequisites:

BIO-114 and BIO-L114 and CHEM-211 and CHEM-L211. Must take BIO-377 concurrently.

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immuno-chemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

- **BIO-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 5.00

Description:

Student projects may be initiated by a student or faculty member with the approval of the Chairperson. A paper and oral report are required. Only ONE independent study may be used toward biology electives.

Term:

Offered Both Fall and Spring

• **CHEM-331 Biochemistry I**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and bioinformatics techniques.

Term:

Offered Fall Term

• **CHEM-L331 Biochemical Techniques Lab**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM 331 must be taken concurrently

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays.

Term:

Offered Fall Term

Please note that all courses must be taken with the corresponding laboratory class where applicable.



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Biology

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Minor Requirements: 6 courses, 24 credits

Core Requirements (2 courses with corresponding laboratories, 8 credits)

- BIO-111 Introduction to the Cell

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Rigorous introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

Electives (4 courses with corresponding laboratories where applicable, 16 credits)

The following courses will NOT count toward a minor in Biology because they are non-major's courses. Choose any Biology course except:

- **BIO-101 Principles of Biology I**

Prerequisites:

Must take BIO L101 concurrently

Credits:

3.00

Description:

An introductory course in basic concepts in cell biology, and genetics. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology. Not recommended for those interested in health careers.

Term:

Offered Fall Term

- **BIO-L101 Principles of Biology I Lab**

Prerequisites:

Must take BIO 101 concurrently

Credits:

1.00

Description:

A series of experiments and explanations to study the principles of diffusion, enzyme function, cell division, genetics and evolution. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology.

Term:

Offered Fall Term

- **BIO-102 Principles of Biology II**

Prerequisites:

BIO L102 must be taken concurrently

Credits:

3.00

Description:

Investigations of relationships among organisms in time and space. Evolution, diversity, and human biology in the context of contemporary society. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology.

Term:

Offered Spring Term

- **BIO-L102 Principles of Biology II Lab**

Prerequisites:

BIO 102 must be taken concurrently

Credits:

1.00

Description:

Exercises and field trips designed to complement and demonstrate the principles developed in the lecture section. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology.

Term:

Offered Spring Term

- **BIO-104 Environmental Biology**

Prerequisites:

BIO 101 and BIO L101, can also be taken concurrently BIO L104 must be taken concurrently

Credits:

3.00

Description:

An introduction to basic evolutionary, behavioral and ecological principles. Readings and discussions emphasize the ways that humans are affected by ecological processes and principles as well as how humans and their technology affect ecosystems. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology. It is intended for non-biology majors as a follow-up to Biology 101. 3 hours lecture. Days Only. Madrid Campus only.

Type:

SCI TECH ENGR

- **BIO-L104 Environmental Bio Lab**

Prerequisites:

BIO-104 must be taken concurrently

Credits:

1.00

Description:

Exercises and field trips designed to complement and demonstrate the ecological principles developed in the lecture section. The lab emphasizes the scientific method and employs long term group projects. Madrid Campus only.

Type:

SCI TECH ENGR

- **BIO-105 Humans and the Evolutionary Perspective**

Prerequisites:

Non Science Majors Only

Credits:

4.00

Description:

Major topics include the scientific basis of evolution, the fossil history of vertebrates, evidence of evolution in the human body, and applying an evolutionary perspective to the social interactions and possible futures of humanity. Meets one of the non laboratory science requirements for the non-science major. This reading and writing intensive course is a non-laboratory science option for non-science majors. This course will not fulfill requirement for a major or a minor in Biology.

Term:

Occasional

Type:

SCI TECH ENG NR

• BIO-201 Biology's Big Questions

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENG NR

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Biology Honors Pathway

The Biology Department offers a pathway so that students may graduate with Departmental Honors. This pathway is distinct from the Suffolk University Honors Program but students can receive both Honors designations on their diplomas.

To receive departmental honors, students must satisfy following requirements:

1. Must have a minimum overall GPA of 3.5.
2. Complete an independent project in BIO-H511 or BIO-H503 that is pre-approved by the departmental honors committee. Students must submit an application to the committee and their advisor(s), for pre-approval. For departmental honors, thesis work is required to involve original research or an in-depth analysis.
3. Must write a thesis on their completed research.
4. Present their work at the Honors Symposium.

The departmental honors committee, along with the student's advisor(s), will determine whether the application and the final research project qualify for departmental honors. Students interested in pursuing the Biology Honors Pathway should contact the Biology Department.

Student Organizations

The Biology Department supports two student organizations, the Health Careers Club and the Chi Kappa Chapter of the Beta Beta Beta National Biological Honor Society. These two organizations give biology students opportunities to work closely with faculty while engaging in research that benefits the department and the greater Suffolk community.

Beta Beta Beta Biological Honor Society

The Chi Kappa Chapter at Suffolk University was chartered on October 10, 1978. Beta Beta Beta is an honor and professional society primarily for students of the biological sciences. Its goals include promoting student research, publication, and exposure to current biological scholarship and career possibilities. Regular membership is offered to majors in the biological sciences who have completed at least one term of the sophomore year (including three Biology courses) with a 3.0 average in Biology and an overall average of 2.7. Associate membership is open to any interested undergraduate.



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Biology

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- BIO-101 Principles of Biology I

Prerequisites:

Must take BIO L101 concurrently

Credits:

3.00

Description:

An introductory course in basic concepts in cell biology, and genetics. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology. Not recommended for those interested in health careers.

Term:

Offered Fall Term

- **BIO-L101 Principles of Biology I Lab**

Prerequisites:

Must take BIO 101 concurrently

Credits:

1.00

Description:

A series of experiments and explanations to study the principles of diffusion, enzyme function, cell division, genetics and evolution. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology.

Term:

Offered Fall Term

- **BIO-102 Principles of Biology II**

Prerequisites:

BIO L102 must be taken concurrently

Credits:

3.00

Description:

Investigations of relationships among organisms in time and space. Evolution, diversity, and human biology in the context of contemporary society. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology.

Term:

Offered Spring Term

- **BIO-L102 Principles of Biology II Lab**

Prerequisites:

BIO 102 must be taken concurrently

Credits:

1.00

Description:

Exercises and field trips designed to complement and demonstrate the principles developed in the lecture section. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology.

Term:

Offered Spring Term

- **BIO-104 Environmental Biology**

Prerequisites:

BIO 101 and BIO L101, can also be taken concurrently BIO L104 must be taken concurrently

Credits:

3.00

Description:

An introduction to basic evolutionary, behavioral and ecological principles. Readings and discussions emphasize the ways that humans are affected by ecological processes and principles as well as how humans and their technology affect ecosystems. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology. It is intended for non-biology majors as a follow-up to Biology 101. 3 hours lecture. Days Only. Madrid Campus only.

Type:

SCI TECH ENGR

- **BIO-L104 Environmental Bio Lab**

Prerequisites:

BIO-104 must be taken concurrently

Credits:

1.00

Description:

Exercises and field trips designed to complement and demonstrate the ecological principles developed in the lecture section. The lab emphasizes the scientific method and employs long term group projects. Madrid Campus only.

Type:

SCI TECH ENGNR

• **BIO-105 Humans and the Evolutionary Perspective**

Prerequisites:

Non Science Majors Only

Credits:

4.00

Description:

Major topics include the scientific basis of evolution, the fossil history of vertebrates, evidence of evolution in the human body, and applying an evolutionary perspective to the social interactions and possible futures of humanity. Meets one of the non laboratory science requirements for the non-science major. This reading and writing intensive course is a non-laboratory science option for non-science majors. This course will not fulfill requirement for a major or a minor in Biology.

Term:

Occasional

Type:

SCI TECH ENGNR

- **BIO-H109 Plants and People**

Prerequisites:

Non Science Majors Only. Honors student or 3.3 GPA only.

Credits:

4.00

Description:

This course focuses on the ancient, intimate, and mutually beneficial relationship between humans and plants. We will discuss the basic anatomy, physiology, and genetic characteristics of flowering plants and how these characteristics have facilitated their use by humans. We will explore the impacts of a wide range of plants and their products on human society while considering the evolutionary changes that these plants have undergone through artificial selection. We will also touch on the synergistic role of fungus and plants in alcohol fermentation. This course fulfills the non-lab natural sciences requirement for BFA, BSJ, and BA degrees. Non-biology majors only.

Type:

SCI TECH ENGNR,Honors

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Rigorous introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGR

- **BIO-H201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only and at least a 3.3 GPA

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGR, Honors

- **BIO-203 Anatomy and Physiology I**

Prerequisites:

BIO L203 MUST BE TAKEN CONCURRENTLY BIO 111, BIO L111.

Credits:

3.00

Description:

First part of a systematic survey of the structural and functional interrelations of the organ systems of the human body. This course emphasizes histology and physiology in the understanding of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

BIO 111/L111; Must take BIO-203 concurrently

Credits:

1.00

Description:

A study of the human skeletal system and a comparative look at other organ systems involving observation of anatomical models and dissection of mammalian specimens. Also includes microscopy and computer simulations of physiological processes.

Term:

Offered Fall Term

- **BIO-204 Anatomy and Physiology II**

Prerequisites:

BIO 203, BIO L203; BIO L204 must be taken concurrently;

Credits:

3.00

Description:

Conclusion of a systematic survey of the structural and functional interrelations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, digestive, urinary, and reproductive systems as well as the physiology of immune responses, nutrition, and acid-base balance. Medical terminology will be used.

Term:

Offered Spring Term

- **BIO-L204 Anatomy & Physiology Lab II**

Prerequisites:

BIO 203/L203 and BIO 204 must be taken concurrently;

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues and physiological experiments.

Term:

Offered Spring Term

- **BIO-222 Field Botany**

Prerequisites:

BIO 111 and BIO-L111. This course will fulfill the Expanded Classroom Requirement.

Credits:

4.00

Description:

A three-week camping excursion, during which common tracheotypes, bryophytes, algae, and other photosynthetic organisms characteristic of various habits in Maine will be identified. Emphasis will be on plant ecology including species interactions and habitat requirements. Vertical zonation in mountains, lakes and intertidal areas will be a point of focus. Participants will camp for one week at each of three sites: Baxter State Park, Central Maine (near Augusta), and on Cobscook Bay. Travel will be by van(s) and hiking (up to ten miles a day) over difficult terrain. Sleeping bags and pads required (tents provided). Additional fees: Camping and food est. \$525.00. ECR. The three-week camping excursion typically runs from late May (after tradition Spring course finals are over) into June. Taught yearly.

Term:

Offered Spring Term

- **BIO-225 Plant Biology**

Prerequisites:

Bio 111, L111 and Bio 114, L114; Must be taken concurrently with L225.

Credits:

3.00

Description:

Course introduces students to the anatomy, physiology, systematics, ecology, and economic uses of all major groups of plants. Aspects of the biology of nonvascular, non-seed, gymnosperm, and angiosperm plants are explored. An overview of Kingdom Fungi is also covered. Each student is required to do a 10-15 minute presentation to the class highlighting the economic use of a group of plants assigned by the instructor. Normally offered Spring semester.

Term:

Offered Spring Term

- **BIO-L225 Plant Biology Laboratory**

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO 225 concurrently;

Credits:

1.00

Description:

Lab exercises focus on plant anatomy, physiology, and systematics. Instruction in the identification of major plant families and fungal types is covered. Trips to a Boston area herbarium and botanical garden are required.

Term:

- **BIO-233 Human Nutrition**

Prerequisites:

BIO 111/L111 and BIO 114/L114;

Credits:

4.00

Description:

This interactive introduction to nutrition explores the science of human nutrition and further reviews concepts of how nutrition can promote health and well being. The course will review specific nutrient needs and functions, nutrient digestion, and the role of diet in well being and in the presence of chronic disease. Weekly course work encourages scientific literacy and fosters critical evaluation of nutrition in the news and in social media.

- **BIO-240 Introduction to Marine Mammals**

Prerequisites:

BIO-111, BIO-L111, BIO-114, and BIO-L114

Credits:

4.00

Description:

This course explores the biology and natural history of marine mammals, including cetaceans, pinnipeds, and sirenians, with a particular focus on species endemic to the North Atlantic. Topics include evolution, anatomy, physiology, behavior, ecology, field identification, the history of whaling and sealing, and contemporary management and conservation issues. Hands-on activities may include the dissection of a small marine mammal and a whale watch in Massachusetts Bay.

- **BIO-254 Marine Biology**

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-L254 concurrently;

Credits:

3.00

Description:

Introduction to the marine environment, its organisms and their specific adaptations. Emphasis on marine and estuarine ecology, intertidal habits, trophic relations, and physiology. Human impacts on the sea: fisheries, mariculture, pollution, introduced species, climate change and seawater acidification, and law of the sea. Taught yearly each fall.

Term:

Offered Fall Term

- **BIO-L254 Marine Biology Lab**

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-254 concurrently;

Credits:

1.00

Description:

Field trips to local marine environments, museums, and aquaria; field and laboratory study and observations of live, preserved, and models of marine organisms.

Term:

Offered Fall Term

- **BIO-262 Principles of Cell Culture**

Prerequisites:

BIO 111, L111 and BIO 114, L114 and CHEM 111, L111

Credits:

4.00

Description:

The course is designed as an application base educational experience that will allow students to learn the standard techniques associated with successful cell culture. As such, students are responsible for the maintenance, propagation, isolation, and preservation of their cells. A number of cell types and experimental manipulations of the cultures are investigated throughout the semester.

Term:

Offered Spring Term

- **BIO-273 Biostatistics**

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the statistical methods used to evaluate biological problems. Sampling, probability, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered. Software for data handling, graphics, and analysis will be used.

Term:

Offered Fall Term

Type:

Quantitative Analysis

- **BIO-H273 Biostatistics**

Prerequisites:

BIO 111/L111; Restricted to CAS Honor Students

Credits:

4.00

Description:

Introduction to the statistical methods used to evaluate biological problems. Sampling, probability, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered. Software for data handling, graphics, and analysis will be used.

Term:

Offered Fall Term

Type:

Honors

- **BIO-274 Genetics**

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO L274 concurrently;

Credits:

3.00

Description:

An examination of the basic principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, structure and function of chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, and population genetics.

Term:

Offered Fall Term

- **BIO-L274 Genetics Lab**

Prerequisites:

BIO-111, BIO-L111, BIO-114, and BIO-L114. Must be taken concurrently with BIO 274.

Credits:

1.00

Description:

Experiments designed to demonstrate principles presented in lecture, using a range of genetic model organisms that include *E. coli*, *B. subtilis*, *S. cerevisiae*, *D. melanogaster*, *S. fimicola*, and *C. elegans*.

Term:

Offered Fall Term

• **BIO-H274 Genetics**

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO L274 concurrently; CAS Honors

Credits:

3.00

Description:

An examination of the basic principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, structure and function of chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, and population genetics.

Term:

Offered Fall Term

Type:

Honors

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Spring Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-302 Writing for Research**

Prerequisites:

BIO 111/L111 and WRI 101, WRI 102, or WRI-103. BIO and Radiation Therapy majors with junior standing only.

Credits:

4.00

Description:

Development of skills for writing clearly, concisely, and creatively in the style of scientific journals. This course emphasizes the formulation of a research project of the student's choice and leads to a formal manuscript on the topic. Instruction includes literature search methods and software for the graphical presentation of data. Professional development, including the preparation of job application materials and in-person interview skills, is also an integral part of this course. Required of all biology and radiation science majors. Junior standing required.

Term:

Offered Both Fall and Spring

• BIO-304 Comparative Animal Physiology

Prerequisites:

BIO-114 and BIO-L114. Must take BIO-L304 concurrently

Credits:

3.00

Description:

Mechanisms of physiological adaptations to environmental challenges are studied. Examples of gas exchange, osmoregulation, fluid transport, temperature regulation, nervous control, and movement are examined in various animal forms through class lecture and discussion, required readings, and external lectures. Spring semester.

Term:

Offered Spring Term

• BIO-L304 Comp Animal Physiology Lab

Prerequisites:

BIO-114 and BIO-L114. Must take BIO-304 concurrently.

Credits:

1.00

Description:

Selected physiological processes and mechanisms or adaptation in invertebrate and vertebrate animals are examined by observation and controlled experiments.

- **BIO-315 Animal Behavior**

Prerequisites:

BIO-114/L114

Credits:

4.00

Description:

Surveys animal behavior in a range of species (invertebrates, birds, fish, mammals including humans) to assess similarities and differences in the evolution of behaviors and their physiological mechanisms by which individual organisms and species adapt to their environments. Topics include: predator evasion; mating systems; parental care; social behavior; and learning.

Term:

Offered Spring Term

- **BIO-333 Ecology**

Prerequisites:

BIO-114/L114; BIO-L333 concurrently;

Credits:

3.00

Description:

Areas of study include but are not limited to basic principles of population biology, community ecology, trophic dynamics, ecosystem structure and function and evolutionary theory.

Term:

Offered Fall Term

• BIO-L333 Ecology Lab

Prerequisites:

BIO-114, BIO-L114, and BIO-333 concurrently

Credits:

1.00

Description:

Field and laboratory experiences in techniques and concepts relevant to ecological theory, data collection, statistical analysis, visual representation and report preparation.

Term:

Offered Fall Term

• BIO-337 Evolution

Prerequisites:

Take BIO-111 BIO-L111 BIO-114 BIO-L114. BIO 274 recommended.

Credits:

4.00

Description:

A survey of evolutionary theory, exploring processes such as the genetic sources of variation, natural and sexual selection, and evolutionary developmental biology. Using phylogenetic systematics and other tools, we will demonstrate how these mechanisms result in the visible patterns of

evolution. This is a reading-and-writing intensive course centered on close reading of Origin of the Species and discussion of recent peer-reviewed literature about evolution.

Term:

Summer

- **BIO-343 Biodiversity & Conservation Biology**

Prerequisites:

BIO-114 and BIO-L114

Credits:

4.00

Description:

This course covers a broad spectrum of aspects of biodiversity and conservation by examining key elements ranging from global patterns in the distribution of life on our planet to the effects our human population is causing on those patterns. Examples from marine and terrestrial animals and plants are used to convey current ideas with a focus on the importance of global biodiversity, and the design of management programs for the conservation of species and ecosystems. 4-credit

- **BIO-345 The Biology of Vector Borne Diseases**

Prerequisites:

BIO-114/L114;

Credits:

4.00

Description:

A survey of the occurrence, life history and pathogenicity of the most important arthropod-borne, human diseases both internationally (malaria, dengue, plague, trypanosomiasis, yellow fever, etc.) and within the United States (Lyme disease, EEE, West Nile Virus, and others). Demographic and environmental factors leading to the re-emergence and spread of these diseases will be considered.

- **BIO-350 Vertebrate Biology**

Prerequisites:

BIO-111/L111; BIO-114/L114; BIO-L350 concurrently;

Credits:

3.00

Description:

This class will focus on the form and function of vertebrate animals from an evolutionary standpoint. The adaptations of major groups will be discussed in light of their phylogenetic history and ecology. A discussion of major adaptive radiations and abiotic factors that influenced these trends will also be highlighted.

Term:

Occasional

- **BIO-L350 Vertebrate Biology Lab**

Prerequisites:

BIO-111/L111; BIO-114/L114; BIO-350 concurrently;

Credits:

1.00

Description:

This lab will focus on the comparative anatomy of vertebrate animals. In-depth dissections will be the focus of the laboratory exercises. A *Squalus* shark, a *Necturus* salamander, a pigeon, and a mink will be examined in detail.

Term:

Occasional

- **BIO-357 Biology of Fishes**

Prerequisites:

BIO 114/L114, and Junior standing. Requires permission from Marine Sciences Coordinator.

Credits:

3.00

Description:

The evolution, systematics, anatomy, physiology and behavior of freshwater, marine and anadromous fishes from temperate to tropical environments. The interactions of fish in their environments, including predator-prey relationships, host-symbiont interactions, and fish as herbivores. Taken with permission from the Marine Science Consortium Coordinator. [This is a Marine Science Consortium Course and enrollment is limited] Evenings only: off campus

Term:

Offered Spring Term

- **BIO-359 Biology of Whales**

Prerequisites:

BIO-111, BIO-L111, BIO-114, BIO-L114, and 2 BIO courses at the 200 level or above. Requires permission from Marine Sciences Coordinator.

Credits:

3.00

Description:

This course provides a comprehensive review of the biology, ecology, and management of cetaceans. A thorough grounding in cetacean mammalogy and population biology will prepare students to understand conservation problems presented as case histories. Students will also complete an independent research paper on a topic related to cetacean biology. Hands-on activities may include the dissection of a small cetacean and a shore-based whale watch in Cape Cod Bay. This course is part of the Marine Studies Consortium and will be held at the New England Aquarium. Taken with permission from the Marine Science Consortium Coordinator. [This is a Marine Science Consortium Course and enrollment is limited]

- **BIO-360 Cancer Biology**

Prerequisites:

BIO-111, BIO-L111, BIO-114, BIO-L114, BIO-274, and BIO-L274

Credits:

4.00

Description:

An examination of molecular and cellular mechanisms that lead to the development of cancer. Factors contributing to tumorigenesis, angiogenesis, and metastasis will be discussed; these factors, oncogenes, tumor suppressor genes, and signal transduction networks. In addition, an investigation of current strategies for cancer prevention and treatment will be considered.

- **BIO-374 Genomics**

Prerequisites:

BIO 111/L111, CHEM 111/L111, BIO 274/L274 Must take BIO L374 concurrently

Credits:

3.00

Description:

What can we learn from genomics? In this course, you will develop an understanding of how cutting edge techniques from biotechnology are changing our views of biology. You will learn how genetic sequencing can be used for everything from tracing evolutionary histories in the tree of life to shedding light on biodiversity patterns of populations. With a focus on human genetics, you will also explore how genes are discovered and linked to phenotypic traits. Finally, you will consider methods of monitoring gene expression and how the resulting genetic networks can help medicine and drug development.

- **BIO-L374 Genomics Laboratory**

Prerequisites:

BIO 111/L111, CHEM 111/L111, BIO 274/L274 Must take BIO 374 concurrently

Credits:

1.00

Description:

In this course, you will develop an understanding of current genomic methods through collection and examination of your own data. In the first part of the lab, you will use sequencing techniques to compare genetic relationships and characterize the microbial biodiversity of a population. In the second part of the lab, you will focus on gene expression and functional genomics. You will determine the actions of a transcription factor through RNA-seq and also determine how a collection of uncharacterized transcription factors affect antibiotic sensitivity. In addition to reading primary literature and keeping a lab notebook, you will also learn how to analyze and present your genomics data.

• BIO-377 Immunology

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-L377 concurrently;

Credits:

3.00

Description:

The concept of immunity, response to infection, structure of the immune system, biochemistry of immunoglobins, antigen-antibody interactions, allergy, immunological injury, lymphocyte subpopulations and cellular immunity, tolerance suppression and enhancement. Taught alternate/even years.

Term:

Offered Spring Term

• BIO-L377 Immunology Laboratory

Prerequisites:

BIO-114 and BIO-L114 and CHEM-211 and CHEM-L211. Must take BIO-377 concurrently.

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immuno-chemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

- **BIO-385 Advanced Microbiology**

Prerequisites:

BIO-274 and BIO-L274 or BIO-285 and BIO-L285; BIO-L385 must be taken concurrently

Credits:

4.00

Description:

The molecular mechanisms of host-microbe interactions and the epidemiology and public health aspects of microorganisms are stressed. Also covered are current topics in microbiology including antimicrobial therapy and resistance, emerging pathogens and novel applications of microbiology. Experimental design and troubleshooting skills are developed, using contemporary microbiology and molecular biology laboratory techniques. Taught alternate/odd years.

Term:

Offered Fall Term

- **BIO-L385 Advanced Microbiology Lab**

Prerequisites:

BIO 285/L285; BIO 385 must be taken concurrently

Credits:

1.00

Description:

Isolation, quantization and cultivation of microorganisms, advanced general and applied microbiology and molecular biology. Experience in media, chemical and culture preparations.

Term:

Offered Spring Term

- **BIO-403 Cell Biology**

Prerequisites:

BIO 111/L111; CHEM-211/L211; BIO-L403 concurrently;

Credits:

3.00

Description:

The study of cells, approached through examinations of biochemical mechanisms, the relation between the structure and function of biological molecules and organelles, and the regulation of normal and diseased cells.

Term:

Offered Fall Term

- **BIO-L403 Cell Biology Lab**

Prerequisites:

BIO-111 and BIO-L11 and CHEM-211 and CHEM-L211. Must take BIO-403 concurrently.

Credits:

1.00

Description:

Examination of biological molecules and their role in cell function. Techniques used in these examinations will include enzymatic analyses, gel electrophoresis, immunologic identification, chromatography, and spectroscopy. Students are expected to develop their proficiency in the laboratory techniques used, to analyze their results in a quantitative manner, and to present their findings.

Term:

Offered Fall Term

- **BIO-474 Molecular Genetics**

Prerequisites:

CHEM-311 or BIO-274 and BIO-L274 and BIO-L474 concurrently

Credits:

3.00

Description:

An examination of concepts and techniques of modern molecular biology. Topics include the structure and function of DNA, RNA, and proteins, the regulation of gene expression in prokaryotes and eukaryotes at transcriptional and post-transcriptional levels, genetic modification of organisms, and genome analysis. This course will incorporate readings and discussions of primary scientific literature. Spring semester.

Term:

Occasional

- **BIO-L474 Molecular Genetics Lab**

Prerequisites:

Take CHEM-331 or BIO-274 and BIO-L274. BIO-474 must be taken concurrently.

Credits:

1.00

Description:

This upper level laboratory course will consist of a semester-long project in the form of a series of consecutive experiments involving the generation of a genetically modified organism and its subsequent molecular analysis. Techniques employed will include genetic screens, DNA isolation, restriction endonuclease analysis, transformation of bacteria, gel electrophoresis, gene reported assays, RNA isolation, reverse transcription, and quantitative PCR.

Term:

Occasional

- **BIO-475 Developmental Biology**

Prerequisites:

BIO-114, L114 and CHEM-211, L211

Credits:

3.00

Description:

This course focuses on embryonic development in vertebrates. The conceptual focus on evolutionary developmental biology includes comparative developmental mechanisms and Epigenetic processes.

Term:

Offered Fall Term

- **BIO-500 Experiential Learning in Biology**

Credits:

0.00

Description:

This course requires students to complete a minimum of 15 engagement hours per semester. Students gain exposure to a variety of activities related to biology course preparation and/or research in a laboratory or field setting with faculty oversight. Permission of instructor required. May be taken more than once.

- **BIO-503 Biology Internship**

Prerequisites:

BIO111/BIOL111, BIO114/BIOL114. BIO274/BIOL274 may be taken as a corequisite

Credits:

4.00

Description:

Biology Internship: This course provides students with credit for an unpaid internship completed during the semester when credit is earned. Students must secure an approved internship and provide documentation from the internship's overseer to a full time faculty member sponsor in order to register for the course. The internship must involve participation in research and / or patient care. Students or their overseers will be required to submit monthly records of internship hours and provide the faculty sponsor with a written summary of internship experiences and accomplishments by the last week of classes. Only one internship may be used as a biology elective. This course is available for variable credit. Prerequisites: An Internship for Credit form must be submitted to the department chair Credits: 1-4

• BIO-H503 Biology Internship

Prerequisites:

BIO111/BIOL111, BIO114/BIOL114. BIO274/BIOL274 may be taken as a corequisite

Credits:

4.00

Description:

Biology Internship: This course provides students with credit for an unpaid internship completed during the semester when credit is earned. Students must secure an approved internship and provide documentation from the internship's overseer to a full time faculty member sponsor in order to register for the course. The internship must involve participation in research and / or patient care. Students or their overseers will be required to submit monthly records of internship hours and provide the faculty sponsor with a written summary of internship experiences and accomplishments by the last week of classes. Only one internship may be used as a biology elective. This course is available for variable credit. Prerequisites: An Internship for Credit form must be submitted to the department chair Credits: 1-4

Type:

Honors

• BIO-510 Independent Study

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 5.00

Description:

Student projects may be initiated by a student or faculty member with the approval of the Chairperson. A paper and oral report are required. Only ONE independent study may be used toward biology electives.

Term:

Offered Both Fall and Spring

- **BIO-H511 Biology Honors Independent Study**

Credits:

1.00- 4.00

Description:

Student projects may be initiated by a student or faculty member with the approval of the Chairperson. A paper and oral report are required. Thesis work is required to involve original research or an in-depth analysis.

- **SCI-103 Environmental Science**

Prerequisites:

SCI-L103 must be taken concurrently

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to environmental degradation, ecosystems, geological processes, population dynamics, deforestation and biodiversity, climate change, ozone depletion, air soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **SCI-L103 Environmental Science Lab**

Prerequisites:

Must take SCI-103 concurrently

Credits:

1.00

Description:

Laboratory exercises to illustrate the topics covered in Science 103. Field-testing and analysis of environmental samples. Field trip required.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **SCI-251 Intro to Coastal Geology**

Prerequisites:

Intro Math

Credits:

4.00

Description:

Coastal environments will be analyzed with an emphasis on the important environmental characteristics of these areas. Management and environmental problems within the coastal and offshore areas such as beach erosion, beach access, and oil spills will be considered. One required field trip.

Term:

Offered Spring Term

- **SCI-L251 Intro Coastal Geology I Lab**

Prerequisites:

SCI 251 must be taken concurrently

Credits:

1.00

Description:

An introduction to laboratory and field techniques used in the geological study of coastal environments. Field trips will be taken to local coastal areas.

Term:

Offered Spring Term



2017-2018 Archived Catalog Information

Black Studies

Black Studies is an interdisciplinary program that provides students with the opportunity to critically examine the black experience in relationship to both historical and contemporary issues that have shaped and continue to shape the various communities they are a part of: neighborhoods, cities, states, nations, and the world.

There is no major available in Black Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Black Studies Courses](#)

Minor Requirements: 5 courses, 20 credits

Core Requirements (2 courses, 8 credits)

- BLKST-100 Introduction to Black Studies I: Survey of the Discipline

Credits:

4.00

Description:

Introduces students to the basic concepts, literature and interdisciplinary nature of Black Studies. Provides a conceptual framework for the investigation and analysis of black history and culture as well.

Term:

Occasional

- **BLKST-101 Introduction to Black Studies II Research and Writing**

Credits:

4.00

Description:

Introduces students to basic research techniques and methods in Black Studies including library use, identifying resources, project development, documenting sources, and writing research papers.

Term:

Occasional

Electives (3 courses, 12 credits)

Choose three of the following; no more than two may be taken from any one department outside of Black Studies.

- **BLKST-469 Research Seminar: African American Life in Slavery and Freedom- Reconstruction and the Freedman's Bureau**

Credits:

4.00

Description:

Introduces students to the Reconstruction era in American history, and uses Reconstruction as a bridge to look at enslavement, which preceded the era, and the issue of freedom during, and after the era. In the first half of the class students read from texts that will provide them with an understanding of slavery, emancipation and reconstruction. The second half of the class will utilize on-line collections of the Freedman's Bureau Papers to allow students to use documents to deepen their understanding of the Reconstruction era. The class will also provide a comparative approach by considering questions of citizenship in the 19th century for people of African descent in the United States, Latin America and the Caribbean. This course is identical to HST 469.

Term:

Occasional

- **BLKST-510 Independent Study in Black Studies**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Independent study in Black Studies

- **ENG-357 African-American Literature I**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

African-American writing from the beginning through the present. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **GVT-383 African Politics**

Prerequisites:

GVT 110 and GVT 120

Credits:

4.00

Description:

The political development of Africa in colonial and post-colonial periods. Analysis of the evolution of governmental institutions includes economic, social and personal factors; political forces at work in present day Africa. Not open to freshmen. Normally offered alternate years. Cultural Diversity B

- **HST-261 African History to 1800**

Credits:

4.00

Description:

Explores the history of Africa from prehistoric times to the nineteenth century to give students an introduction to African Studies and a sense of Africa's place in world history. Topics include: the Nile Valley civilizations, West African empires, the trans-Saharan trade, the slave trade, the spread and impact of Islam.

Term:

Offered Fall Term

- **HST-262 Modern African History Since 1800**

Credits:

4.00

Description:

Examines the history of Africa from 1800 to the present and enable students to develop an understanding of issues that affect the relationship between modern Africa and the world. Topics include: the African tradition; the impact of Islam and Christianity, abolition of the slave trade, European imperialism and colonialism, African independence movements, African nationalism, Pan Africanism.

Term:

Offered Spring Term

- **HST-263 Comparative Race Relations**

Credits:

4.00

Description:

Compares and analyzes the history of race and politics in South Africa and the United States from the 17th century to the present. Examines how race as a social and ideological construct influenced and informed political conflicts over land, labor, and social relations in the two countries including slavery, segregation, apartheid, and the struggle to create racial democracies.

Term:

Offered Fall Term

- **HST-271 African-American History 1619-1860**

Credits:

4.00

Description:

Examines the history of Africans in the United States from their arrival in the colonies to the Civil War and the end of legal slavery. Topics examined include: the development of the slave system, African-Americans, and the Declaration of Independence, and the abolition movement.

Term:

Occasional

- **HST-272 African-American History From 1860**

Credits:

4.00

Description:

Examines African American history from the end of slavery to the twenty first century. Topics examined include: Emancipation and Reconstruction, Reconstruction and the Constitution, the Harlem Renaissance, the Civil Rights and Black Power Movements, and African-Americans at the start of the twenty-first century.

Term:

Occasional

- **HST-319 The History of Black Music in America**

Credits:

4.00

Description:

Using music as a window this class explores the history of Black America as well as the history of all America. Through a combination of texts, videos, and recordings this class examines the music of Black America, from it's African roots to hip hop in the 21st century. This will be done in the context and communities in which black music was created and performed, and also in relationship to the wider world.

Term:

Occasional

- **HST-396 The African Diaspora**

Credits:

4.00

Description:

Examines the global dispersion of African people outside of the African continent. The history and culture of African descendant people and their communities in the Americas, Europe, and Asia will be included.

Term:

Occasional

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Black Studies

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There is no major available in Black Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Black Studies Courses](#)
- BLKST-100 Introduction to Black Studies I: Survey of the Discipline

Credits:

4.00

Description:

Introduces students to the basic concepts, literature and interdisciplinary nature of Black Studies. Provides a conceptual framework for the investigation and analysis of black history and culture as well.

Term:

Occasional

- **BLKST-101 Introduction to Black Studies II Research and Writing**

Credits:

4.00

Description:

Introduces students to basic research techniques and methods in Black Studies including library use, identifying resources, project development, documenting sources, and writing research papers.

Term:

Occasional

- **BLKST-225 West African History Through Film and Literature**

Credits:

4.00

Description:

Examines the history and culture of West Africa through its portrayal in literature and film. The specific countries that will be focused on are Senegal, Mali, Burkina Faso, Ghana and Nigeria. This class will also recognize the fact that borders are a modern, man-made element of the West African landscape serving to both separate people who have historically and traditionally seen themselves as connected, and to bring together people into a nation who have historically and traditionally seen themselves as distinct from one another.

- **BLKST-226 The African American Experience in Literature and Film**

Credits:

4.00

Description:

Using literature and film to present aspects of the African American experience in the United States. By using film and literature it is possible to present the broad range of cultural styles, regional variations, class differences, gender issues, family structures and multiple viewpoints that make up the African American experience. Through lectures and in-class presentations a historical context will be provided for each of the films or texts that are used during the semester.

- **BLKST-250 Haiti, Guadalupe and Martinique**

Credits:

4.00

Description:

This course explores the rich intellectual tradition of Haiti, Guadeloupe, and Martinique by considering historical moments linked to colonialism, the abolition of slavery, the representation of gender, departmentalization, and decolonization through essays, films, poems, novels, and short stories by critics and writers from the 19th-21st centuries.

- **BLKST-469 Research Seminar: African American Life in Slavery and Freedom- Reconstruction and the Freedman's Bureau**

Credits:

4.00

Description:

Introduces students to the Reconstruction era in American history, and uses Reconstruction as a bridge to look at enslavement, which preceded the era, and the issue of freedom during, and after the era. In the first half of the class students read from texts that will provide them with an understanding of slavery, emancipation and reconstruction. The second half of the class will utilize on-line collections of the Freedman's Bureau Papers to allow students to use documents to deepen their understanding of the Reconstruction era. The class will also provide a comparative approach by considering questions of citizenship in the 19th century for people of African descent in the United States, Latin America and the Caribbean. This course is identical to HST 469.

Term:

Occasional

- **BLKST-510 Independent Study in Black Studies**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Independent study in Black Studies



2017-2018 Archived Catalog Information

Chemistry

The Chemistry & Biochemistry Department offers a Chemistry major and minor. Through a wide variety of laboratory-based courses and opportunities for independent research with faculty, the department provides students with the tools that will allow them to achieve success in their field while learning in the heart of one of the most scientifically progressive cities in the world.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Chemistry Courses](#)

Major Requirements: 17 courses, 62-68 credits

The curricula for the BA and BS degrees in Chemistry may satisfy the requirements for certification by the American Chemical Society. Students in the College of Arts & Sciences must fulfill all general requirements for their chosen degree in addition to specific major requirements.

Core Requirements (16 courses and corresponding laboratories where applicable, 58-64 credits)

- CHEM-111 General Chemistry I

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

• **CHEM-L111 General Chemistry Laboratory I**

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **CHEM-112 General Chemistry II**

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently. MATH 104 placement or higher.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Both Fall and Spring

- **CHEM-L112 General Chemistry Laboratory II**

Prerequisites:

MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 MATHT-MPEL3 MATH-104 MATH-130 MATH-134 MATH-164 or MATH-165. CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Laboratory. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as the application of Beer's Law and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

- **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112 and CHEM-L112. CHEM-L211 must be taken concurrently.

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry.

Term:

Offered Both Fall and Spring

- **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

CHEM-112 and CHEM-L112. Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Both Fall and Spring

- **CHEM-212 Organic Chemistry II**

Prerequisites:

CHEM 211 and CHEM L211. Must take CHEM-L212 concurrently.

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I. Includes detailed mechanistic discussions of substitution, elimination, and addition reactions. Emphasizes organic synthesis, structure determination, and spectroscopy.

Term:

Offered Both Fall and Spring

- **CHEM-L212 Organic Chemistry Laboratory II**

Prerequisites:

CHEM-211 and CHEM-L211. Must be take CHEM-212 concurrently.

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Emphasizes the characterization of organic molecules via nuclear magnetic resonance spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Both Fall and Spring

- **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Explores the basic techniques of collecting and analyzing data from different types of instrumentation, including: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Students will apply these techniques to problems in chemistry, forensics, and environmental science.

Term:

Offered Fall Term

• **CHEM-L314 Instrumental Analysis Laboratory**

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style.

Term:

Offered Fall Term

• **CHEM-331 Biochemistry I**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and bioinformatics techniques.

Term:

Offered Fall Term

- **CHEM-L331 Biochemical Techniques Lab**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM 331 must be taken concurrently

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays.

Term:

Offered Fall Term

- **CHEM-375 Advanced Inorganic Chemistry**

Prerequisites:

CHEM 314/L314

Credits:

3.00

Description:

Topics in inorganic chemistry including bonding theories, chemical structures, symmetry and group theory, kinetics and mechanisms of reactions, and spectroscopy. Advanced topics may include bioinorganic chemistry, or organometallics.

Term:

Offered Every Other Year

- **CHEM-L375 Advanced Inorganic Laboratory**

Prerequisites:

CHEM 375 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 375. Prior or concurrent enrollment in CHEM 375 required.

Term:

Offered Every Other Year

- **CHEM-411 Physical Chemistry I**

Prerequisites:

CHEM 112; MATH 166;

Credits:

3.00

Description:

Explores quantum chemistry through simple model systems such as particle in a box, harmonic oscillator, rigid rotor, and hydrogen atom. Applications to electronic, vibrational, and rotational spectroscopy and elements of atomic and molecular structure.

Term:

Offered Fall Term

- **CHEM-L411 Physical Chemistry Laboratory I**

Prerequisites:

CHEM 411 must be taken concurrently

Credits:

1.00

Description:

Experiments in molecular spectroscopy, quantum chemistry, nanomaterials, and introduction to computational chemistry. Emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as demonstrated through reports prepared in the professional style.

Term:

Offered Fall Term

- **CHEM-412 Physical Chemistry II**

Prerequisites:

CHEM 411

Credits:

3.00

Description:

Explores the laws of thermodynamics and their molecular basis through the kinetic theory of gases and statistical mechanics. Includes chemical kinetics and theories of reaction rates.

Term:

Offered Spring Term

- **CHEM-L412 Physical Chemistry Laboratory II**

Prerequisites:

CHEM L411; CHEM 412 must be taken concurrently.

Credits:

1.00

Description:

Experiments in thermodynamics, materials, chemical kinetics, and computational chemistry. Emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as demonstrated by laboratory reports prepared in the professional style.

Term:

Offered Spring Term

• CHEM-428 Research & Seminar I

Prerequisites:

CHEM 212; CHEM L212; Instructor's Consent required

Credits:

1.00- 4.00

Description:

First of a senior level, two-semester sequence of independent study under the supervision of faculty. Students may opt to conduct experimental research, proposal development, or literature review. Students desiring departmental honors and/or an ACS-accredited degree must conduct authentic research; consult with the course instructor. Development of a research report and poster presentation to the department are required elements. Depending on the project undertaken, students may obtain ECR credit.

Term:

Offered Fall Term

• CHEM-429 Research & Seminar II

Prerequisites:

CHEM 212 and CHEM L212 and instructor's consent required

Credits:

1.00- 4.00

Description:

Second of a senior level, two-semester sequence of independent study under the supervision of faculty. Students may opt to conduct experimental research, proposal development, or literature review. Students desiring departmental honors and/or an ACS-accredited degree must conduct authentic research; consult with the course instructor. Development of a final research report and oral presentation to the department and the SU community are required elements. Depending on the project undertaken, students may obtain ECR credit.

Term:

Offered Spring Term

• MATH-165 Calculus I

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-166 Calculus II

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-265 Calculus III**

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **PHYS-151 University Physics I**

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

• **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

Elective Requirements (1 lecture course and 1 lab, 4 credits)

Students are required to take one course of in-depth study, with an additional credit of laboratory. These courses are not offered every year, and careful consultation with an academic advisor is recommended.

Choose one of the following applicable lecture courses:

- **CHEM-332 Biochemistry II**

Prerequisites:

CHEM 331 and CHEM-L332 concurrently

Credits:

3.00

Description:

Explores the principles of bioenergetics and metabolism of biomolecules. Includes intermediary metabolism of carbohydrates, lipids, amino acids, and oxidative phosphorylation. Additional topics include signal transduction and the regulation and integration of metabolism.

Term:

Offered Spring Term

- **CHEM-355 Environmental Chemistry**

Prerequisites:

CHEM 211, or permission of instructor

Credits:

3.00

Description:

A study of the chemical processes (including biologically mediated ones) that affect the cycling and ultimate fate of chemicals in the environment. Topics include air, water, and soil chemistry as well as energy and climate change. The effects of pollutant loads on natural systems and the remediation and treatment methods used to minimize pollutant loads are investigated. 3 hour lecture. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

- **CHEM-390 Advanced Organic Chemistry**

Prerequisites:

Prerequisite: CHEM 212.

Credits:

3.00

Description:

Expands on topics introduced in Organic Chemistry I and II; depending on student interest, may include in-depth discussions of carbonyl chemistry, industrial organic chemistry, organometallic chemistry and biomolecules.

Term:

Alternates Fall & Spring

- **CHEM-453 Introduction to Toxicology**

Prerequisites:

CHEM-331 or instructor's consent

Credits:

3.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and target organ toxicity. Topics may include pesticides, neurotoxicants, toxicity of metals, and carcinogenesis/ mutagenesis. Examples will be drawn from forensic toxicology, as well as environmental and occupational toxicology.

Term:

Offered Every Other Year

To satisfy the requirement for the one credit laboratory, students may either take the laboratory associated with the lecture course, when offered, or use one credit of independent study or senior research, which are variable credit courses.

Choose one of the following applicable laboratory courses:

- **CHEM-L332 Advanced Biochemical Techniques and Research Lab**

Prerequisites:

CHEM 331/L331. CHEM 332 must be taken concurrently.

Credits:

1.00

Description:

Advanced biochemistry laboratory course where students learn experimental design and critical analysis of the scientific literature while conducting novel research. Projects vary from year to year, but may include recombinant DNA techniques, purification and quantitation of DNA and proteins, protein detection, enzyme kinetics, and bioinformatics. Research is presented as a poster at the annual STEM banquet.

Term:

Offered Spring Term

- **CHEM-L355 Environmental Chemistry Lab**

Prerequisites:

CHEM 355 must be taken concurrently. Take CHEM-L211;

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 355. Prerequisites: CHEM L211, concurrent enrollment in CHEM 355 required. 4-hour laboratory. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

- **CHEM-428 Research & Seminar I**

Prerequisites:

CHEM 212; CHEM L212; Instructor's Consent required

Credits:

1.00- 4.00

Description:

First of a senior level, two-semester sequence of independent study under the supervision of faculty. Students may opt to conduct experimental research, proposal development, or literature review. Students desiring departmental honors and/or an ACS-accredited degree must conduct authentic research; consult with the course instructor. Development of a research report and poster presentation to the department are required elements. Depending on the project undertaken, students may obtain ECR credit.

Term:

Offered Fall Term

- **CHEM-429 Research & Seminar II**

Prerequisites:

CHEM 212 and CHEM L212 and instructor's consent required

Credits:

1.00- 4.00

Description:

Second of a senior level, two-semester sequence of independent study under the supervision of faculty. Students may opt to conduct experimental research, proposal development, or literature review. Students desiring departmental honors and/or an ACS-accredited degree must conduct authentic research; consult with the course instructor. Development of a final research report and oral presentation to the department and the SU community are required elements. Depending on the project undertaken, students may obtain ECR credit.

Term:

Offered Spring Term

- **CHEM-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Advanced study of a special topic in chemistry, by arrangement with the chemistry faculty.

Note: CHEM-428 and CHEM-429 are variable credit courses (1-4 credits are awarded based on coursework). If a student elects to take more than 1 credit of each course the additional credit may be applied to the elective laboratory requirement. Please discuss this possibility with your advisor before registering for these courses. Students using CHEM-428 or CHEM-429 to satisfy the Chemistry elective laboratory requirement must take a total of three credits of CHEM-428 and CHEM-429 in order to satisfy the American Chemical Society Certification Requirements.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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2017-2018 Archived Catalog Information

Chemistry

The Chemistry & Biochemistry Department offers a Chemistry major and minor. Through a wide variety of laboratory-based courses and opportunities for independent research with faculty, the department provides students with the tools that will allow them to achieve success in their field while learning in the heart of one of the most scientifically progressive cities in the world.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Chemistry Courses](#)

Minor Requirements: 6 courses and corresponding laboratories where applicable, 24 credits

Core Requirements (4 courses and corresponding laboratories, 16 credits)

- CHEM-111 General Chemistry I

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• **CHEM-L111 General Chemistry Laboratory I**

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• **CHEM-112 General Chemistry II**

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently. MATH 104 placement or higher.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Both Fall and Spring

• **CHEM-L112 General Chemistry Laboratory II**

Prerequisites:

MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 MATHT-MPEL3 MATH-104 MATH-130 MATH-134 MATH-164 or MATH-165. CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Laboratory. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as the application of Beer's Law and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

• **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112 and CHEM-L112. CHEM-L211 must be taken concurrently.

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry.

Term:

Offered Both Fall and Spring

- **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

CHEM-112 and CHEM-L112. Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Both Fall and Spring

- **CHEM-212 Organic Chemistry II**

Prerequisites:

CHEM 211 and CHEM L211. Must take CHEM-L212 concurrently.

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I. Includes detailed mechanistic discussions of substitution, elimination, and addition reactions. Emphasizes organic synthesis, structure determination, and spectroscopy.

Term:

Offered Both Fall and Spring

• CHEM-L212 Organic Chemistry Laboratory II

Prerequisites:

CHEM-211 and CHEM-L211. Must be take CHEM-212 concurrently.

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Emphasizes the characterization of organic molecules via nuclear magnetic resonance spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Both Fall and Spring

Electives (2 courses, 8 credits)

Choose two CHEM electives at the 200-level or higher, of which at least one credit is a laboratory

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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2017-2018 Archived Catalog Information

Chemistry

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- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Chemistry Courses](#)

To qualify for department honors, students must be in the CAS honors program or have an overall GPA of 3.5 or higher and a major GPA of 3.5 or higher upon enrollment in the senior capstone courses (CHEM 428 and CHEM 429). Honors thesis work is then coupled to the capstone course requirements. Thesis work must be of outstanding quality and must involve original independent laboratory or field research and/or in-depth analysis. Job shadowing, data collection/organization (without analysis), or research summaries will generally not be sufficient for consideration. Upon completion of the capstone course requirements, the faculty of the department, along with the research advisor, will determine whether the final research project qualifies for departmental honors.

Eligible students should submit an application to the department for pre-approval in October in the academic year in which they plan to complete the capstone honors research project. Applications for departmental honors may be obtained from the department chair or from the capstone CHEM 428 course instructor. We highly recommend that students begin planning their capstone project in their junior year. Students should work with their advisor and the honors coordinator to identify on- and off-campus opportunities for completion of thesis work.



2017-2018 Archived Catalog Information

Chemistry

The Chemistry & Biochemistry Department offers a Chemistry major and minor. Through a wide variety of laboratory-based courses and opportunities for independent research with faculty, the department provides students with the tools that will allow them to achieve success in their field while learning in the heart of one of the most scientifically progressive cities in the world.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Chemistry Courses](#)

- CHEM-101 Chemical Concepts Contemporary Issues I

Credits:

3.00

Description:

No longer offered. Principles of chemistry with illustrations from everyday life. Basic chemical concepts are used to decode consumer product labels and form a basis for understanding contemporary issues. Specifically designed to satisfy the Science requirement when taken with CHEM 102, L101, L102. May not be used by science majors for science credit. Concurrent enrollment in CHEM L101 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall/Summer I.

- CHEM-L101 Chemical Concepts Contemporary Issues Lab I

Prerequisites:

Must be taken concurrently with CHEM 101

Credits:

1.00

Description:

No longer offered. Principles of chemistry and its applications demonstrated through experimentation. Experiments may include field testing and analysis of ocean and river water, testing of household products and sunscreens, determination of calorie content of foods, and molecular modeling with computers. May not be used by science majors for science credit. 2-hour laboratory. Normally offered Fall/Summer I.

- **CHEM-102 Chemical Concepts Contemporary Issues II**

Prerequisites:

It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level. Must be taken concurrently with CHEM L102

Credits:

3.00

Description:

No longer offered. A continuation of CHEM 101, including topics in organic chemistry, biochemistry, polymer chemistry, ecology, air and water pollution, food and food additives, pharmaceuticals, and forensic science. Basic Chemical concepts are used to decode consumer product labels and form a basis for understanding contemporary issues. Specifically designed to satisfy the science requirement. May not be used by science majors for science credit. Prerequisite: CHEM 101, CHEM 111 or pre-college chemistry. 3 hours lecture. Normally offered Spring/Summer II.

- **CHEM-L102 Chemical Concepts Contemporary Issues Lab II**

Prerequisites:

It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level. Must be taken concurrently with CHEM 102

Credits:

1.00

Description:

No longer offered. A continuation of CHEM L101. Experiments may include making plastics and drug products, analyzing food products, making a model of DNA, crime lab analysis procedures, making aspirin, and the study of flavors and fragrances using molecular models. Concurrent enrollment in CHEM 102 required. May not be used by science majors for science credit. Prerequisites: CHEM 101 and CHEM L101. 2-hour Laboratory. 1 term - 1 credit. Normally offered Spring/Summer II.

- CHEM-103 Chemical Concepts Contemporary Issues IIA

Prerequisites:

It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level.

Credits:

4.00

Description:

No longer offered. Topics include organic chemistry, biochemistry, polymer chemistry, ecology, air and water pollution, food and food additives, pharmaceuticals, and forensic science, with an emphasis on their application to current issues. Specifically designed to satisfy the non-laboratory science requirement for the B.A. degree. Science related information searches and writing assignments will be based on current topics from the semester's work. 3 hours lecture. It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level.

- CHEM-105 Chemical New Product Development

Prerequisites:

ENT 101

Credits:

4.00

Description:

This course addresses the crucial intersection between chemistry and business, and the impact of these fields on society. It provides an introduction to important chemistry concepts and practices of business management. Primary focus is on understanding the chemistry principles behind some of the consumer products in our everyday lives, and using this knowledge to create and evaluate ideas for new products. The course also introduces the business aspects involved in the development and marketing of new products. An important component of the course is in making effective presentations; this component concludes the course, culminating in team presentations of a new chemical product to panel of executives and peers. This course satisfies the Sawyer Business School Science requirement.

Type:

SCI TECH ENGR

- **CHEM-106 Biotechnology & Its Applications in Medicine, Agriculture, Law**

Credits:

4.00

Description:

Introduces the latest discoveries and applications of biotechnology. Topics include genetically modified food, stem cells, genetic testing, cloning, and forensics. A combination of lectures, discussions, short documentaries, mock congressional hearings, and hands-on activities will provide insight into the numerous medical, social, legal, and ethical issues surrounding this technology.

Type:

SCI TECH ENGR

- **CHEM-H106 Biotechnology & Its Applications in Medicine, Agriculture, Law**

Credits:

4.00

Description:

Introduces the latest discoveries and applications of biotechnology. Topics include genetically modified food, stem cells, genetic testing, cloning, and forensics. A combination of lectures, discussions, short documentaries, mock congressional hearings, and hands-on activities will provide insight into the numerous medical, social, legal, and ethical issues surrounding this technology.

Type:

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **CHEM-L111 General Chemistry Laboratory I**

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in

workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **CHEM-112 General Chemistry II**

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently. MATH 104 placement or higher.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Both Fall and Spring

- **CHEM-L112 General Chemistry Laboratory II**

Prerequisites:

MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 MATHT-MPEL3 MATH-104 MATH-130 MATH-134 MATH-164 or MATH-165. CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Laboratory. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as the application of Beer's Law and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

• **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112 and CHEM-L112. CHEM-L211 must be taken concurrently.

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry.

Term:

Offered Both Fall and Spring

• **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

CHEM-112 and CHEM-L112. Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Both Fall and Spring

• CHEM-212 Organic Chemistry II

Prerequisites:

CHEM 211 and CHEM L211. Must take CHEM-L212 concurrently.

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I. Includes detailed mechanistic discussions of substitution, elimination, and addition reactions. Emphasizes organic synthesis, structure determination, and spectroscopy.

Term:

Offered Both Fall and Spring

• CHEM-L212 Organic Chemistry Laboratory II

Prerequisites:

CHEM-211 and CHEM-L211. Must be take CHEM-212 concurrently.

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Emphasizes the characterization of organic molecules via nuclear magnetic resonance spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Both Fall and Spring

- **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Explores the basic techniques of collecting and analyzing data from different types of instrumentation, including: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Students will apply these techniques to problems in chemistry, forensics, and environmental science.

Term:

Offered Fall Term

- **CHEM-L314 Instrumental Analysis Laboratory**

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style.

Term:

Offered Fall Term

- **CHEM-331 Biochemistry I**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and bioinformatics techniques.

Term:

Offered Fall Term

- **CHEM-L331 Biochemical Techniques Lab**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM 331 must be taken concurrently

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays.

Term:

Offered Fall Term

- **CHEM-332 Biochemistry II**

Prerequisites:

CHEM 331 and CHEM-L332 concurrently

Credits:

3.00

Description:

Explores the principles of bioenergetics and metabolism of biomolecules. Includes intermediary metabolism of carbohydrates, lipids, amino acids, and oxidative phosphorylation. Additional topics include signal transduction and the regulation and integration of metabolism.

Term:

Offered Spring Term

- **CHEM-L332 Advanced Biochemical Techniques and Research Lab**

Prerequisites:

CHEM 331/L331. CHEM 332 must be taken concurrently.

Credits:

1.00

Description:

Advanced biochemistry laboratory course where students learn experimental design and critical analysis of the scientific literature while conducting novel research. Projects vary from year to year, but may include recombinant DNA techniques, purification and quantitation of DNA and proteins, protein detection, enzyme kinetics, and bioinformatics. Research is presented as a poster at the annual STEM banquet.

Term:

Offered Spring Term

- **CHEM-355 Environmental Chemistry**

Prerequisites:

CHEM 211, or permission of instructor

Credits:

3.00

Description:

A study of the chemical processes (including biologically mediated ones) that affect the cycling and ultimate fate of chemicals in the environment. Topics include air, water, and soil chemistry as well as energy and climate change. The effects of pollutant loads on natural systems and the remediation and treatment methods used to minimize pollutant loads are investigated. 3 hour lecture. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

• **CHEM-L355 Environmental Chemistry Lab**

Prerequisites:

CHEM 355 must be taken concurrently. Take CHEM-L211;

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 355. Prerequisites: CHEM L211, concurrent enrollment in CHEM 355 required. 4-hour laboratory. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

• **CHEM-375 Advanced Inorganic Chemistry**

Prerequisites:

CHEM 314/L314

Credits:

3.00

Description:

Topics in inorganic chemistry including bonding theories, chemical structures, symmetry and group theory, kinetics and mechanisms of reactions, and spectroscopy. Advanced topics may include bioinorganic chemistry, or organometallics.

Term:

Offered Every Other Year

- **CHEM-L375 Advanced Inorganic Laboratory**

Prerequisites:

CHEM 375 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 375. Prior or concurrent enrollment in CHEM 375 required.

Term:

Offered Every Other Year

- **CHEM-390 Advanced Organic Chemistry**

Prerequisites:

Prerequisite: CHEM 212.

Credits:

3.00

Description:

Expands on topics introduced in Organic Chemistry I and II; depending on student interest, may include in-depth discussions of carbonyl chemistry, industrial organic chemistry, organometallic chemistry and biomolecules.

Term:

Alternates Fall & Spring

- CHEM-411 Physical Chemistry I

Prerequisites:

CHEM 112; MATH 166;

Credits:

3.00

Description:

Explores quantum chemistry through simple model systems such as particle in a box, harmonic oscillator, rigid rotor, and hydrogen atom. Applications to electronic, vibrational, and rotational spectroscopy and elements of atomic and molecular structure.

Term:

Offered Fall Term

- CHEM-L411 Physical Chemistry Laboratory I

Prerequisites:

CHEM 411 must be taken concurrently

Credits:

1.00

Description:

Experiments in molecular spectroscopy, quantum chemistry, nanomaterials, and introduction to computational chemistry. Emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as demonstrated through reports prepared in the professional style.

Term:

Offered Fall Term

• CHEM-412 Physical Chemistry II

Prerequisites:

CHEM 411

Credits:

3.00

Description:

Explores the laws of thermodynamics and their molecular basis through the kinetic theory of gases and statistical mechanics. Includes chemical kinetics and theories of reaction rates.

Term:

Offered Spring Term

• CHEM-L412 Physical Chemistry Laboratory II

Prerequisites:

CHEM L411; CHEM 412 must be taken concurrently.

Credits:

1.00

Description:

Experiments in thermodynamics, materials, chemical kinetics, and computational chemistry. Emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as demonstrated by laboratory reports prepared in the professional style.

Term:

Offered Spring Term

- **CHEM-428 Research & Seminar I**

Prerequisites:

CHEM 212; CHEM L212; Instructor's Consent required

Credits:

1.00- 4.00

Description:

First of a senior level, two-semester sequence of independent study under the supervision of faculty. Students may opt to conduct experimental research, proposal development, or literature review. Students desiring departmental honors and/or an ACS-accredited degree must conduct authentic research; consult with the course instructor. Development of a research report and poster presentation to the department are required elements. Depending on the project undertaken, students may obtain ECR credit.

Term:

Offered Fall Term

- **CHEM-429 Research & Seminar II**

Prerequisites:

CHEM 212 and CHEM L212 and instructor's consent required

Credits:

1.00- 4.00

Description:

Second of a senior level, two-semester sequence of independent study under the supervision of faculty. Students may opt to conduct experimental research, proposal development, or literature review. Students desiring departmental honors and/or an ACS-accredited degree must conduct authentic research; consult with the course instructor. Development of a final research report and oral presentation to the department and the SU community are required elements. Depending on the project undertaken, students may obtain ECR credit.

Term:

Offered Spring Term

- **CHEM-L432 Advanced Biochemistry Research Laboratory**

Prerequisites:

CHEM-331; CHEM-L331

Credits:

3.00

Description:

No longer offered. Laboratory course where students apply the use of biochemical techniques acquired in Biochemical Techniques I (CHEM L331) to conduct novel research. Projects vary from year to year, but may include recombinant DNA techniques, purification and characterization of DNA and proteins, and bioinformatics. Emphasis on experimental design, data interpretation, analysis of the scientific literature, and writing. Includes field trip to local research university or biotechnology/pharmaceutical laboratory.

Term:

Alternates Fall & Spring

- **CHEM-453 Introduction to Toxicology**

Prerequisites:

CHEM-331 or instructor's consent

Credits:

3.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and target organ toxicity. Topics may include pesticides, neurotoxicants, toxicity of metals, and carcinogenesis/ mutagenesis. Examples will be drawn from forensic toxicology, as well as environmental and occupational toxicology.

Term:

Offered Every Other Year

- **CHEM-500 Experiential Learning in Chemistry**

Credits:

0.00

Description:

This course requires students to complete a minimum of 15 engagement hours per semester. Students gain exposure to a variety of activities related to research in a laboratory or field setting with faculty oversight. Permission of instructor required. May be taken more than once.

- **CHEM-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Advanced study of a special topic in chemistry, by arrangement with the chemistry faculty.



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Classics

Students will focus on the foundational texts and artistic expressions of the Greco-Roman and Judeo-Christian traditions in order to discover the qualities that make these works enduring in relevance.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)

Minor Requirements: 5 courses, 20 credits

Courses will be selected from the electives below. Cross-listed courses can only be counted for credit in one department. No more than 8 credits may double-count for credit in the student's major or toward another minor.

Choose five of the following:

- ARH-305 Art of Greece and Rome

Credits:

4.00

Description:

Examines the civic, religious, and domestic art and architecture of the Ancient Mediterranean cultures of Greece and Rome. Considers temples, forums, basilicas, city planning, sculpture, pottery, wall painting, mosaics, and engineering achievements in their cultural contexts.

Term:

Occasional

Type:

Classics Minor

- **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **ENG-157 Poetry and Religion**

Credits:

4.00

Description:

This course will use close readings to examine poetry as a heightened form of language seeking to make contact with divine sources of faith. We will consider poems that provide examples of the struggle to attain belief, as well as poems that deny belief. Language as both the grammar of ascent and the locus of descent. The position of human beings in relation to God, or the gods, or the absence of the divine.

Type:

- **ENG-316 Fifth Century Athens**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to Periclean Athens, the golden age of classical Greek literature and thought. Close readings of selections from the historians Herodotus and Thucydides, the dramatists Aeschylus and Euripides, the poetry of Pindar, and Plato's great work on politics, *The Republic*. Cross-listed with History 336.

Term:

Occasional

Type:

Classics Minor

- **ENG-317 Classical Mythology**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Ancient Greek and Roman myths, their motifs, themes and interpretations. Normally offered every third year.

Type:

- **ENG-408 Modern Greek Literature in English Translation**

Prerequisites:

WRI-102 or WRI-H103 with a minimum grade of B+

Credits:

4.00

Description:

A survey of writings in Modern Greek from 1821 to the present exploring Hellenism and the Greek cultural identity. Authors studied will include Kostis Palamas, Georgios Vizyinos, Alexandros Papadiamantis, Stratis Myrivilis, Photis Kontoglou, Dido Sotiriou, George Seferis, Constantine Cavafy, and Odysseas Elytis. A section of the syllabus will be reserved for the Greek-American/diaspora writers Helen Papanikolas, Elia Kazan, Jeffrey Eugenides, Olga Broumas, and Tryfon Tolides. Films and music traditions will be sampled as well.

Type:

Classics Minor

- **ENG-410 From Pagan Reason to Christian Revelation**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

A survey of major works of literature and thought crucial to the transformation of pagan models of reason to Christian systems of belief, including works by Plato and Plotinus, St. Augustine and Dante. Of central concern is the changing conception of love, from Eros to Agape. Note: This course is cross-listed with HST 339.

Term:

Occasional

Type:

Classics Minor

- **ENG-490 Imperial Rome**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course offers an introduction to the Golden Age of Roman culture and power. Close readings of selections from major historians, poets, political thinkers, and philosophers will be examined in the context of Augustan Rome. Topics such as pietas, virtus, and gravitas, as well as the competing claims of public duty and private devotion, stoic maxim and erotic love lyric, will be discussed from the perspectives of writers such as Virgil, Livy, Tacitus, Horace, Catullus, and Lucretius. Note: This course is cross-listed with HST 304. Normally offered in alternate years.

Type:

Classics Minor

- **HST-101 History of Western Civilization I**

Credits:

4.00

Description:

Surveys European culture, politics, and society from antiquity to the seventeenth century. Topics include: the Greek, Judaic, and Roman heritage; the rise of Christianity; feudal society in the Middle Ages; Renaissance and Reformation; the Scientific Revolution; and the development of absolutist and constitutional governments.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **HST-268 History of the Mediterranean**

Credits:

4.00

Description:

Explores the history of the Mediterranean from the ancient times to the 20th century, with emphasis on the extraordinary interaction between the rich cultural, ethnic and religious backgrounds of the peoples of Europe, Middle East, and North Africa.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-336 Fifth-Century Athens**

Credits:

4.00

Description:

An introduction to Periclean Athens, the golden age of classical Greek literature and thought. Close readings of selections from the historians Herodotus and Thucydides, the dramatists Aeschylus and Euripides, the poetry of Pindar, and Plato's great work on politics, *The Republic*. Cross-listed with ENG 316.

Term:

Occasional

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **PHIL-401 Ethics in Action 1: Persistence of the Classics**

Prerequisites:

PHIL-210 , PHIL-211, 4 credits of a 400-level PHIL course, and Instructor consent

Credits:

4.00

Description:

Examines how classical works of ancient and medieval moral and political philosophy raise questions and themes that persist in challenges facing contemporary public policy and personal ethics. Topics covered will include the nature of moral duties, the connection between happiness and morality, citizenship and virtue, the meaning of a good life, the attractions and limitations of moral relativism, the foundations of legitimate government, arguments for and against democracy, realism and idealism in statecraft, and the relationship between law and ethics. Authors may include the Pre-Socratic thinkers, Plato, Aristotle, Cicero, Augustine, and Aquinas, among others.

Term:

Offered Fall Term

Type:

Classics Minor

- **PHIL-416 Plato: Profiles in Philosophy**

Prerequisites:

Prerequisite: PHIL 210 or consent of instructor.

Credits:

4.00

Description:

A detailed study of Platonic texts and issues. Works studied will vary but will often include dialogues such as the Apology, Euthyphro, Phaedo, Republic, and Symposium. Themes may include, among others: the nature of philosophy and its relation to society; the dialogue form and the character of Socrates; the difference between truth and opinion; the meaning of virtue; justice and the ideal regime; the theory of forms and the nature of reality; love, death, and transcendence. Prerequisite: PHIL 210 or consent of instructor. 1 term ? 4 credits. Normally offered every third year.

Type:

Classics Minor

- **SF-1141 Classical Civilizations: Pathways to Wisdom**

Credits:

4.00

Description:

How is it that the knowledge, intelligence, wisdom and values of the Greeks and Romans still educate and edify the world by providing venues towards leading fulfilling and dignified lives? The guiding principles of their respective civilizations rested upon eight pillars: - Humanism: It was recognized that humans have the potential to master their world and live life to the fullest. -The Pursuit of Excellence: To imagine the highest good and strive to attain it. - Self Knowledge: It is imperative to know oneself before seeking to know the world. - Rationalism: Always question, reason and discern truth from falsehood and never consider any matter superficially. - Restless Curiosity: Often the resolution of one issue leads to the revelations of others mysteries and pursuits which compels further investigation. The wise individual makes this a lifelong endeavor. -Love of Freedom: As long as one brings no harm to others, one must be free to live and discover as much as possible. - Individualism: All are unique and, therefore, must

recognize individual strengths and identity. -The Practice of Moderation: The prudence of avoiding extremes in personal and social conduct. In this course, students will read two (brief) texts on the Greek and Roman contributions to the world and then will proceed with specific readings which illuminate the eight principles above for achieving the good life.

- **SF-174 Tragedy and Literature**

Credits:

4.00

Description:

This course will focus on classic works of ancient and modern literature that examine the human condition from a tragic perspective. We will concentrate on close readings from the following texts: Homer's Iliad, Sophocles' Antigone, The Bhagavad-Gita, Shakespeare's Othello, Chekhov's short stories, and Joyce's Dubliners.

Type:

Classics Minor

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Computer Science

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Computer Science Courses](#)

Major Requirements: 15 courses and corresponding laboratories where applicable, 54 credits

Computer Science Requirements (12 courses, 42 credits)

- CMPSC-F107 Ants, Rumors and Gridlocks

Prerequisites:

Math placement level of 2 or above or any MATH course at the level 100 or above

Credits:

4.00

Description:

Do viruses and rumors spread like forest fires? How do ants cooperate? Do spoken languages and biological species evolve in a similar way? Ants, Rumors, and Gridlocks exposes students to introductory aspects of computational science by addressing and answering these and many other

questions. Students use and modify virtual experiments preprogrammed in the NetLogo programming language to investigate these topics and others in Social Sciences, Biology, and Environmental Science. No prior knowledge of computer programming or NetLogo is required.

Type:

SCI TECH ENGR

- **CMPSC-200 Introduction to Computer Science World**

Prerequisites:

Freshman or Sophomore Standing

Credits:

1.00

Description:

Computer Science is a dynamic discipline and students are not typically exposed to its many facets during their first years in college while important foundation work is done. This module aims to change that by presenting several areas of recent interest. In this way, students can form an idea of the scope of the vast and rapidly growing subject and career options, and begin to map out steps toward a potential career path. In this team-taught seminar-style course, two or three different professors will introduce students to their research areas and related topics. Some of the areas represented among the faculty include data science, machine learning, social networks, and parallel computing and others. The course is intended to be taken freshman or sophomore year.

- **CMPSC-F131 Computer Science I**

Credits:

4.00

Description:

This is a rigorous introduction to computer science in Java with an emphasis on problem solving, structured programming, object-oriented programming, and graphical user interfaces. Topics include expressions, input/output, control structures, intrinsic data types, classes and methods, iteration, top-down programming, arrays, graphical user interfaces, and elements of UML. Normally offered each semester.

- **CMPSC-F132 Computer Science II**

Prerequisites:

CMPSC F131

Credits:

4.00

Description:

Computer Science II (CSII) is the continuation of Computer Science I. The purpose of CSII is to expand students' understanding of Computer Science and computer programming, assuming that they have the basic knowledge of the Java language. The course introduces another programming language - C - and also focuses on the pure Object-Oriented features of Java, such as inheritance, polymorphism, and exceptions, as well as on simple data structures (lists, stacks, and queues) and algorithms (searching and sorting). By the end of the semester students will be able to develop sizable (several pages long) computer programs in the C and Java languages. Efficient C and Java program development requires an Integrated Development Environment (IDE) - a collection of tools that make it possible to edit, compile, and debug C and Java programs. Our IDE of choice is Eclipse. Eclipse is free and available for many operating systems, including Microsoft Windows (all flavors), Linux, Unix, and Mac OS X.

• CMPSC-F265 Data Structures & Algorithms

Prerequisites:

CMPSC F132

Credits:

4.00

Description:

Includes topics such as strings, stacks, queues, lists, trees, graphs, sorting, searching, hashing, dynamic storage allocation, and analysis of algorithms. Most programming will be done in the C language. Normally offered each semester.

• CMPSC-F331 Object Oriented Programming

Prerequisites:

CMPSC-F265

Credits:

4.00

Description:

Object-Oriented Programming in C++ is taught using Trolltech's multi-platform Qt library and other open-source libraries and tools. Emphasis is placed on program design and code re-use. Topics include: encapsulation, inheritance and polymorphism, UML, refactoring, parent-child relationships, properties, event-driven programming, test cases, regular expressions, constraints, XML, design patterns, and graphical user interfaces. We deal with some operating system and programming environment issues and also with code packaging. C++ is a very large language, so we do not attempt to cover it all. Instead we work with a carefully selected subset of language elements that permits students to exploit the powerful Qt libraries and write robust, idiomatic, and interesting code. By the end of the course, the student should have a good command of C++, facility using and building libraries, an understanding and appreciation of the design patterns that we covered, and a well-established discipline of refactoring and code reuse.

Prerequisite: CMPSC F265 (which may be taken concurrently). Normally offered each semester.

• CMPSC-F353 Architecture of Computer Systems

Prerequisites:

CMPSC F265.

Credits:

4.00

Description:

This course deals with the structure and operation of the major hardware components of a computer. Topics include basic logic design, basic datapath construction, basic pipelining, I/O system design, issues in memory hierarchy and network interface design. Normally offered each fall semester.

• CMPSC-F355 Operating Systems

Prerequisites:

CMPSC F353 & CMPSC F265 and Working knowledge of C++.

Credits:

4.00

Description:

This course presents an overview of modern operating systems, from the points of view of an application developer and of a system developer. It covers process management, scheduling, concurrency management, multi-threading, memory management, and file system organization. Intensive programming assignments in the C language and in an assembly language help students to learn the POSIX application programming interface (API) and the low-level organization of a general-purpose operating system. Normally offered each spring.

- **CMPSC-F363 Intro to Database Systems**

Prerequisites:

CMPSC 265 and MATH 285

Credits:

4.00

Description:

This is an introduction to the design and use of database systems --- systems that manage very large amounts of data. Topics covered include Entity-Relationship (E/R) data model, Relational data model, object-oriented model, and the conversion of E/R and relational models. We shall also learn some database languages, both concrete and abstract, including Structured Query Language (SQL), Object Query Language (OQL), relational algebra, etc. We will introduce the semistructured data, such as the popular Extensible Markup Language (XML), and their usage in database systems as well. The course is intended for computer science students who need to have an in-depth understanding of modern database systems. Normally offered each fall semester.

- **CMPSC-F375 Introduction to Computer Networks**

Prerequisites:

CMPSC F331 and CMPSC F353

Credits:

4.00

Description:

This course explores the fundamentals of computer networks, protocols and layering, applications and their implications to everyday networking life. Normally offered in spring.

- **CMPSC-511 Launching a Career in Computer Science**

Prerequisites:

Junior or Senior standing

Credits:

1.00

Description:

This team-taught course is designed to explore career opportunities in Computer Science in depth. This course focuses on career search, the application process, entry, transition and networking for career success. Alternative options such as graduate school will also be explored. Students articulate and reflect on academic work, and co-curricular experiences from the perspective of professionals entering or advancing their careers. The goal of this course is to help students reach their fullest professional potential following graduation.

Choose one additional 4-credit Computer Science course at the 200-level or higher

Mathematics Requirements (3 courses, 12 credits)

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-255 Probability and Statistics**

Prerequisites:

MATH-165 or MATH-164 with a grade of C or better

Credits:

4.00

Description:

Topics include: random variable and distribution; expectation and variance; special discrete/continuous distributions (uniform, binomial, negative binomial, geometric, hypergeometric, Poisson, normal, and exponential distributions); joint distribution, marginal distribution and conditional distribution; covariance; limit theorems (law of large numbers and central limit theorem); introduction to confidence interval and hypothesis testing; regression analysis. Offered as needed.

- **MATH-285 Discrete Mathematics**

Prerequisites:

MATH-164 or MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics mostly selected from the following list: Logic and set theory, elementary number theory, relations and functions and their properties (equivalence relations, partial order relations, recurrence relations and their solutions); computational complexity of algorithms (big O notation); graphs and their properties (isomorphisms of graphs, Euler and Hamilton paths, shortest path problem, graph coloring) trees (tree traversal, minimum spanning trees); finite state machines; methods of proof (proof by induction, proof by contradiction). Prerequisite: MATH 220 or permission of instructor. 1 term - 4 credits (4 lecture hours per week). Normally offered at least once each year.

For a suggested course sequence, visit the [Computer Science Department page](#).

Note: The BS and BA degrees have an additional science requirement.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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- [Major Requirements](#)
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Minor Requirements: 5 courses, 20 credits

- CMPSC-F131 Computer Science I

Credits:

4.00

Description:

This is a rigorous introduction to computer science in Java with an emphasis on problem solving, structured programming, object-oriented programming, and graphical user interfaces. Topics include expressions, input/output, control structures, intrinsic data types, classes and methods, iteration, top-down programming, arrays, graphical user interfaces, and elements of UML. Normally offered each semester.

- CMPSC-F132 Computer Science II

Prerequisites:

CMPSC F131

Credits:

4.00

Description:

Computer Science II (CSII) is the continuation of Computer Science I. The purpose of CSII is to expand students' understanding of Computer Science and computer programming, assuming that they have the basic knowledge of the Java language. The course introduces another programming language - C - and also focuses on the pure Object-Oriented features of Java, such as inheritance, polymorphism, and exceptions, as well as on simple data structures (lists, stacks, and queues) and algorithms (searching and sorting). By the end of the semester students will be able to develop sizable (several pages long) computer programs in the C and Java languages. Efficient C and Java program development requires an Integrated Development Environment (IDE) - a collection of tools that make it possible to edit, compile, and debug C and Java programs. Our IDE of choice is Eclipse. Eclipse is free and available for many operating systems, including Microsoft Windows (all flavors), Linux, Unix, and Mac OS X.

• CMPSC-F265 Data Structures & Algorithms

Prerequisites:

CMPSC F132

Credits:

4.00

Description:

Includes topics such as strings, stacks, queues, lists, trees, graphs, sorting, searching, hashing, dynamic storage allocation, and analysis of algorithms. Most programming will be done in the C language. Normally offered each semester.

• CMPSC-F331 Object Oriented Programming

Prerequisites:

CMPSC-F265

Credits:

4.00

Description:

Object-Oriented Programming in C++ is taught using Trolltech's multi-platform Qt library and other open-source libraries and tools. Emphasis is placed on program design and code re-use. Topics include: encapsulation, inheritance and polymorphism, UML, refactoring, parent-child relationships, properties, event-driven programming, test cases, regular expressions, constraints, XML, design patterns, and graphical user interfaces. We deal with some operating system and programming environment issues and also with code packaging. C++ is a very large language, so we do not attempt to cover it all. Instead we work with a carefully selected subset of language elements that permits students to exploit the powerful Qt libraries and write robust, idiomatic, and interesting code. By the end of the course, the student should have a good command of C++, facility using and building libraries, an understanding and appreciation of the design patterns that we covered, and a well-established discipline of refactoring and code reuse.

Prerequisite: CMPSC F265 (which may be taken concurrently). Normally offered each semester.

Choose one additional 4-credit Computer Science course at the 200-level or higher

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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- [Major Requirements](#)
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Computer Science majors who have an overall GPA of 3.0 or better and a GPA of 3.0 or better in the major will be eligible for honors. To achieve honors a student must complete any two of the following three:

- Software development internship
- Senior project
- 1-credit specialty Computer Science course



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Computer Science

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
 - [Minor Requirements](#)
 - [Honors](#)
 - [Computer Science Courses](#)
-
- **CMPSC-200 Introduction to Computer Science World**

Prerequisites:

Freshman or Sophomore Standing

Credits:

1.00

Description:

Computer Science is a dynamic discipline and students are not typically exposed to its many facets during their first years in college while important foundation work is done. This module aims to change that by presenting several areas of recent interest. In this way, students can form an idea of the scope of the vast and rapidly growing subject and career options, and begin to map out steps toward a potential career path. In this team-taught seminar-style course, two or three different professors will introduce students to their research areas and related topics. Some of the areas represented among the faculty include data science, machine learning, social networks, and parallel computing and others. The course is intended to be taken freshman or sophomore year.

- **CMPSC-310 Introduction to Data Science**

Prerequisites:

CMPSC-F132 and 1 of the following: STATS-240, STATS-250, MATH-134, MATH-165, MATH-164 or MATH-255.

Credits:

4.00

Description:

The field of data science is emerging at the intersection of the fields of social science and statistics, information and computer science and design. Data science involves using automated methods to analyze massive amounts of data and to extract knowledge from them. This course serves as a project-based introduction to data science in Python language, covering data organization and retrieval, statistical data processing and data visualization.

- **CMPSC-400 Senior Project in Computer Science**

Prerequisites:

Instructor permission required;

Credits:

4.00

Description:

Students specify, design and implement a software system.

- **CMPSC-401 Erlang Programming With Applications**

Prerequisites:

CMPSC-F132 & Permission of the Instructor

Credits:

1.00

Description:

Erlang is a general-purpose, concurrent, functional programming language. It is designed to support distributed, fault-tolerant, soft-real-time, non-stop applications in the areas of telecommunications, online video games, social networking, high-performance Web development and databases. This course covers the language foundations, as well as intermediate topics such as distributed communications, client-server systems, and working with ETS tables and Mnesia database. Special attention will be paid to recursive and asynchronous programming, which are the two core principles of the language.

- **CMPSC-501 Software Development Internship**

Prerequisites:

CMPSC-F131, CMPSC-F132, and 1 CMPSC course at 200, 300 or 400 level. Prior to registration, student must submit credit approval form and gain faculty approval.

Credits:

2.00- 4.00

Description:

Student works in a qualified software development setting to gain practical experience in modern industrial software development. Student will apply lessons learned in the classroom within a supervised, professional development while developing a greater understanding of the job expectations and organizational culture. Internship may be taken for 2-4 academic credit hours, at 4 hours of company work per week per each credit. Additional academic reports will be required. Students may take more than one internship, but the total number of credits applied toward graduation cannot exceed 12.

- **CMPSC-510 Computer Science Independent Study**

Credits:

1.00- 4.00

Description:

Guided study on a topic at an advanced level.

- **CMPSC-511 Launching a Career in Computer Science**

Prerequisites:

Junior or Senior standing

Credits:

1.00

Description:

This team-taught course is designed to explore career opportunities in Computer Science in depth. This course focuses on career search, the application process, entry, transition and networking for career success. Alternative options such as graduate school will also be explored. Students articulate and reflect on academic work, and co-curricular experiences from the perspective of professionals entering or advancing their careers. The goal of this course is to help students reach their fullest professional potential following graduation.

• **CMPSC-F107 Ants, Rumors and Gridlocks**

Prerequisites:

Math placement level of 2 or above or any MATH course at the level 100 or above

Credits:

4.00

Description:

Do viruses and rumors spread like forest fires? How do ants cooperate? Do spoken languages and biological species evolve in a similar way? Ants, Rumors, and Gridlocks exposes students to introductory aspects of computational science by addressing and answering these and many other questions. Students use and modify virtual experiments preprogrammed in the NetLogo programming language to investigate these topics and others in Social Sciences, Biology, and Environmental Science. No prior knowledge of computer programming or NetLogo is required.

Type:

SCI TECH ENGNR

• **CMPSC-HF107 Honors Ants, Rumors & Gridlocks**

Prerequisites:

Math placement level of 2 or above, or any MATH course at the level 100 or above; GPA of at least 3.3 or Honors student

Credits:

4.00

Description:

Do viruses and rumors spread like forest fires? How do ants cooperate? Do spoken languages and biological species evolve in a similar way? Ants, Rumors, and Gridlocks exposes students to introductory aspects of computational science by addressing and answering these and many other questions. Students use and modify virtual experiments preprogrammed in the NetLogo programming language to investigate these topics and others in Social Sciences, Biology, and Environmental Science. No prior knowledge of computer programming or NetLogo is required.

Type:

SCI TECH ENGNR,Honors

- **CMPSC-F118 Computing With Words**

Credits:

4.00

Description:

This course introduces students to aspects of Natural Language Processing involving computer-based analysis and comparison of texts written in natural languages (English and others). In addition to introductory computer programming in Python, the course also covers some basic statistics concepts. Intended for students at all levels.

- **CMPSC-F120 Programming for the World Wide Web**

Credits:

4.00

Description:

This is a hands-on course aimed at non-CS students who want to learn how to build interesting and interactive web pages. We do not use any drag-and-drop software for this purpose. Instead we cover the basics of HTML and PHP and, if time permits, we look at some ways of building web pages that interact with databases. Each student will have, for the duration of the course, an account on a server that permits individuals to have web pages that are visible on the World Wide Web.

Type:

Quantitative Analysis

- **CMPSC-F124 Game Programming**

Credits:

4.00

Description:

This course introduces students to computer game development, including, but not limited to, game programming. We use Game Maker, a framework for personal computers that runs equally well on XP, Vista, and Linux. We learn about the foundational concepts of two-dimensional (flat) games: graphics, sound, objects, actions, rooms, scores, levels, multiplayer support, artificial intelligence, and more. Game Maker has an intuitive interface that makes game development approachable for everyone, including those who have never written a single game or a single computer program. All games created by Game Maker can be saved as standalone applications and can be shared freely with classmates, friends, and family. This is not a course in graphics design, audio editing, or scriptwriting. Students are encouraged to use their creativity and imagination to design games and the correctness of game implementation is stressed throughout the course.

Type:

Quantitative Analysis

- **CMPSC-F131 Computer Science I**

Credits:

4.00

Description:

This is a rigorous introduction to computer science in Java with an emphasis on problem solving, structured programming, object-oriented programming, and graphical user interfaces. Topics include expressions, input/output, control structures, intrinsic data types, classes and methods, iteration, top-down programming, arrays, graphical user interfaces, and elements of UML. Normally offered each semester.

- **CMPSC-F132 Computer Science II**

Prerequisites:

CMPSC F131

Credits:

4.00

Description:

Computer Science II (CSII) is the continuation of Computer Science I. The purpose of CSII is to expand students' understanding of Computer Science and computer programming, assuming that they have the basic knowledge of the Java language. The course introduces another programming language - C - and also focuses on the pure Object-Oriented features of Java, such as inheritance, polymorphism, and exceptions, as well as on simple data structures (lists, stacks, and queues) and algorithms (searching and sorting). By the end of the semester students will be able to develop sizable (several pages long) computer programs in the C and Java languages. Efficient C and Java program development requires an Integrated Development Environment (IDE) - a collection of tools that make it possible to edit, compile, and debug C and Java programs. Our IDE of choice is Eclipse. Eclipse is free and available for many operating systems, including Microsoft Windows (all flavors), Linux, Unix, and Mac OS X.

- **CMPSC-F265 Data Structures & Algorithms**

Prerequisites:

CMPSC F132

Credits:

4.00

Description:

Includes topics such as strings, stacks, queues, lists, trees, graphs, sorting, searching, hashing, dynamic storage allocation, and analysis of algorithms. Most programming will be done in the C language. Normally offered each semester.

- **CMPSC-F331 Object Oriented Programming**

Prerequisites:

CMPSC-F265

Credits:

4.00

Description:

Object-Oriented Programming in C++ is taught using Trolltech's multi-platform Qt library and other open-source libraries and tools. Emphasis is placed on program design and code re-use. Topics include: encapsulation, inheritance and polymorphism, UML, refactoring, parent-child relationships, properties, event-driven programming, test cases, regular expressions, constraints, XML, design patterns, and graphical user interfaces. We deal with some operating system and programming environment issues and also with code packaging. C++ is a very large language, so we do not attempt to cover it all. Instead we work with a carefully selected subset of language elements that permits students to exploit the powerful Qt libraries and write robust, idiomatic, and interesting code. By the end of the course, the student should have a good command of C++, facility using and building libraries, an understanding and appreciation of the design patterns that we covered, and a well-established discipline of refactoring and code reuse.

Prerequisite: CMPSC F265 (which may be taken concurrently). Normally offered each semester.

• CMPSC-F353 Architecture of Computer Systems

Prerequisites:

CMPSC F265.

Credits:

4.00

Description:

This course deals with the structure and operation of the major hardware components of a computer. Topics include basic logic design, basic datapath construction, basic pipelining, I/O system design, issues in memory hierarchy and network interface design. Normally offered each fall semester.

• CMPSC-F355 Operating Systems

Prerequisites:

CMPSC F353 & CMPSC F265 and Working knowledge of C++.

Credits:

4.00

Description:

This course presents an overview of modern operating systems, from the points of view of an application developer and of a system developer. It covers process management, scheduling, concurrency management, multi-threading, memory management, and file system organization. Intensive

programming assignments in the C language and in an assembly language help students to learn the POSIX application programming interface (API) and the low-level organization of a general-purpose operating system. Normally offered each spring.

- **CMPSC-F363 Intro to Database Systems**

Prerequisites:

CMPSC 265 and MATH 285

Credits:

4.00

Description:

This is an introduction to the design and use of database systems --- systems that manage very large amounts of data. Topics covered include Entity-Relationship (E/R) data model, Relational data model, object-oriented model, and the conversion of E/R and relational models. We shall also learn some database languages, both concrete and abstract, including Structured Query Language (SQL), Object Query Language (OQL), relational algebra, etc. We will introduce the semistructured data, such as the popular Extensible Markup Language (XML), and their usage in database systems as well. The course is intended for computer science students who need to have an in-depth understanding of modern database systems. Normally offered each fall semester.

- **CMPSC-F375 Introduction to Computer Networks**

Prerequisites:

CMPSC F331 and CMPSC F353

Credits:

4.00

Description:

This course explores the fundamentals of computer networks, protocols and layering, applications and their implications to everyday networking life. Normally offered in spring.

- **CMPSC-R120 Programming for WWW Recitation**

Credits:

0.00

Description:

Taken simultaneously with CMPSC 120. Students work with lab instructors to do work that enhances the course understanding. Such work can include practice problems, supervised programming time, as well as question-answer time and group project work. The hybrid version of the recitation: Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. On alternate weeks students do individual programming and reading.

• CMPSC-R131 Recitation from Computer Science I

Prerequisites:

Must be taken concurrently with CMPSC F131

Credits:

0.00

Description:

Taken simultaneously with CMPSC 131. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such work can include practice problems and programming, homework problems and sometimes quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.

• CMPSC-R132 Recitation for Computer Science II

Prerequisites:

Must be taken concurrently with CMPSC 132

Credits:

0.00

Description:

Taken simultaneously with CMPSC 132. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such work can include practice problems and programming, homework problems and sometimes quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.



2017-2018 Archived Catalog Information

Creative Writing

The Creative Writing minor is intended for students who are not English majors. English majors interested in Creative Writing can pursue the [Creative Writing Concentration](#) within their major.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Creative Writing Minor Requirements](#)
- [English Courses](#)

Minor Requirements: 5 courses, 20 credits

Students who are majoring in disciplines other than English may elect to minor in Creative Writing.

Core Requirement (1 course, 4 credits)

- **ENG-212 Introduction to Creative Writing**

Credits:

4.00

Description:

A study of the major genres in creative writing (poetry, fiction, and creative nonfiction) in which students will read as writers. Students will write a combination of analytical and original works, and learn the format and processes of writing workshops of writing workshops. Offered every semester.

Creative Writing Workshops (3 courses, 12 credits)

Students will take at least three creative writing workshops in two different genres.

Choose at least two (students may take one workshop twice):

- **ENG-370 Fiction Writing Workshop I**

Prerequisites:

ENG-212

Credits:

4.00

Description:

An intensive workshop in which the student will be required to write original fiction. The focus of the course will be on the student's own work, submitted on a weekly basis. The course will also provide the student writer with practical experience in matters of plot, character, dialogue, structure, etc. Normally offered annually.

Term:

Alternates Fall & Spring

- **ENG-371 Creative Non-Fiction Workshop**

Prerequisites:

ENG-212

Credits:

4.00

Description:

For students interested in writing autobiography and/or other forms of the personal essay. Topics can include childhood, place, sexuality, religion, work, the nature of memory. The focus will be on the writing process, with students presenting work-in-progress to the class for discussion and revision. The student should plan to read models of creative non-fiction. Normally offered annually.

Term:

Occasional

- **ENG-375 Poetry Writing Workshop I**

Prerequisites:

ENG-212

Credits:

4.00

Description:

An intensive workshop course in which the student will be required to write original poetry for each class meeting. The focus of the course will be on the student's own work. We will examine the highly individual processes of composition and revision, and the methods writers use to keep their own practice of poetry alive and well. We will also examine as many of the constituent elements of poetry as possible, from image and rhythm to line and structure. Normally offered annually.

Term:

Offered Both Fall and Spring

Elective (1 course, 4 credits)

Choose one ENG elective at the 300-level or above.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Creative Writing

The Creative Writing minor is intended for students who are not English majors. English majors interested in Creative Writing can pursue the [Creative Writing Concentration](#) within their major.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Creative Writing Minor Requirements](#)
- [English Courses](#)

- ENG-095 Developmental English Skills I

Credits:

4.00

Description:

This course is appropriate for native English speakers as well as non-native English speakers with a high level of oral fluency, but a need to improve English reading and writing skills for an academic setting. The course provides students with opportunities for and guidance in the development of Academic English writing. Class activities focus on aiding students in improving their academic English reading and writing skills to the proficiency levels required by the University. Particular emphasis is placed on the importance of planning, organizing and revising essays, as well as learning how to analyze, summarize, and cite an author's ideas and words. Offered in the Fall, Spring, and Summer Session I semesters. Course is enrolled by placement or instructor consent only.

- ENG-096 Developmental English Skills II

Credits:

4.00

Description:

A continuation of ENG 095, this course provides opportunities to both native and non-native English speakers for further development of Academic English proficiency. Class activities focus on aiding students in improving their academic English reading and writing skills to the proficiency levels required by the University. Particular emphasis is placed on the importance of planning, organizing and revising essays, as well as learning how to analyze, summarize, and cite an author's ideas and words. Offered on the Madrid Campus only.

- **ENG-098 ESL Reading/Writing I**

Credits:

4.00

Description:

Utilizing a freshman-level English textbook and materials from the content courses, this course furnishes students with active reading strategies and the conventions of academic writing that will be applicable to their collegiate course work. Students will develop the analytical skills necessary for academic success by producing in-class and take-home essays, participating in debates, and giving oral presentations. Students will be required to work with a course management program and to utilize technology effectively in their writing. The skills obtained in these courses will allow students to participate comfortably in their mainstream college classes.

- **ENG-099 ESL Reading/Writing II**

Credits:

4.00

Description:

A continuation of ENG 098, this course further furnishes students with active reading strategies and the conventions of academic writing that will be applicable to their collegiate course work. Students will develop the analytical skills necessary for academic success by producing in-class and take-home essays, participating in debates, and giving oral presentations. Students will be required to work with a course management program and to utilize technology effectively in their writing. The skills obtained in these courses will allow students to participate comfortably in their mainstream college classes.

- **ENG-101 Freshman English I**

Credits:

4.00

Description:

This course studies persuasive and expository writing in the essay form through frequent writing assignments based on critical readings of class texts and discussions. Students will also compose a research paper and study the process of writing and revising for an academic audience. Offered every semester.

Term:

Offered Both Fall and Spring

- **ENG-102 Freshman English II**

Prerequisites:

ENG 100 or ENG101 or ENG 103

Credits:

4.00

Description:

Further study of persuasive and expository writing through the study of literary form with emphasis placed on critical reading and the revision of academic writing.

Term:

Offered Both Fall and Spring

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Studies in Literature

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Studies in Literature

- **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's *Odyssey*, Sophocles' *Oedipus*, Virgil's *Aeneid*, selections from the Hebrew Bible and the Gospels, and Dante's *Divine Comedy*. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **ENG-124 Great Books of the World II**

Credits:

4.00

Description:

This course will introduce students to a selection of Great Books from around the world from the 17th century to the 21st, such as Don Quixote (Spain), Madame Bovary (France), The Communist Manifesto (Germany), The Origin of Species (England), War and Peace (Russia), On Dreams (Austria), Night (Hungary), Things Fall Apart (Nigeria), Satyagraha (India), I Am Prepared to Die (South Africa), Saeed the Pessoptomist (Israel), The Rouge of the North (China), and The House of Spirits (Chile). Readings may vary at the discretion of the instructor.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **ENG-130 Introduction to Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-135 World Literature in English**

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-H135 World Literature in English**

Prerequisites:

WRI-102 or WRI-103. 3.3 GPA or Honors student

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Honors

- **ENG-141 Studies in British Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama from the British literary tradition, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-142 Studies in American Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama from the American literary tradition, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-151 Introduction to African-American Literature**

Credits:

4.00

Description:

Literature has the capacity to record and interrogate history in an imaginative and artistic context. African-American literature is a rich, varied, and complex body of literature that faces our tainted history directly. The authors we will read in this class examine slavery's long-term psychological and social effects while forging a literary history that is at once a part of and apart from American literary history more generally.

Type:

Studies in Literature

- **ENG-152 Horror Fiction**

Credits:

4.00

Description:

This course focuses on the reading and analysis of horror literature and the ways in which horror reflects and represents personal and cultural anxieties. Readings will include both classic and contemporary authors, for example, Edgar Allan Poe, H.P. Lovecraft, Shirley Jackson, Stephen King, and others. Assignments will include analytical essays as well as creative writing.

Type:

Studies in Literature

- **ENG-153 Literature of War**

Credits:

4.00

Type:

Studies in Literature

- **ENG-155 Young Adult Literature**

Credits:

4.00

Description:

Young Adult Literature's recent explosion in popularity raises important questions about the stories it tells, the values it promotes, and the audiences it seeks. This course approaches the YA phenomenon as one with deep historical roots as well as contemporary cultural relevance. From nineteenth century classics to current series favorites, literary works focused on young people reframe perennially fresh narratives about coming of age, negotiating personal identity, and navigating a complex moral universe. This course also considers YA literature as part of an evolving network of writers, readers, publishers, critics and filmmakers.

- **ENG-157 Poetry and Religion**

Credits:

4.00

Description:

This course will use close readings to examine poetry as a heightened form of language seeking to make contact with divine sources of faith. We will consider poems that provide examples of the struggle to attain belief, as well as poems that deny belief. Language as both the grammar of ascent and the locus of descent. The position of human beings in relation to God, or the gods, or the absence of the divine.

Type:

Studies in Literature, Classics Minor

- **ENG-161 Writing the American West**

Credits:

4.00

Description:

In 1893, Frederick Jackson Turner famously declared that the American frontier (i.e., the West) had closed for good. To a certain extent, Jackson's proclamation was meant to demarcate the end of the 19th century. But perhaps more importantly, it marks the beginning of a distinctly American literature that began, ironically, by mourning its own demise. In this course, we will journey among some of the more significant signposts and detours that have marked Western U.S. literature in the 20th Century. Along the way, we will question just where, exactly, the West begins and ends (The

Mississippi River? The Great Plains? The Rockies?), and think about whether or not Turner's frontier thesis continues to hold true (if it ever did). We will consider whether the broad rubric of The West is adequate to describe the various sub-regions within this portion of the United States, and we'll examine the genres which seem as if they could not have happened anywhere else. We will also interrogate differences in the literature across gender lines: how, if at all, does the literature written by men and by women differ? Above all, we will strive to come away with a deeper understanding of this vitally American, and vitally Wild literary place.

Type:

Studies in Literature

- **ENG-212 Introduction to Creative Writing**

Credits:

4.00

Description:

A study of the major genres in creative writing (poetry, fiction, and creative nonfiction) in which students will read as writers. Students will write a combination of analytical and original works, and learn the format and processes of writing workshops of writing workshops. Offered every semester.

- **ENG-213 English Literature I**

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-214 English Literature II**

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

- **ENG-217 American Literature I**

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-218 American Literature II**

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-H218 American Literature II**

Prerequisites:

WRI-102 or WRI-103

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Type:

Honors

- **ENG-266 Mad Men: Reading Visual Narratives**

Credits:

4.00

Description:

This course will focus on the cultural phenomenon of the TV Series Mad Men, considered by many to be the foremost example of Quality TV produced during the so-called golden age of television and engage with it on visual, cultural, literary and filmic levels. The basic premise of the course is that the current practice of binge watching one's favorite shows should be a heightened experience rather than a guilty pleasure, one akin to reading a novel. Watching a complex and sophisticated TV narrative involves taking into account the viewer's positionality as a filmic consumer, textual critic and social commentator. The class will consider various theoretical approaches to television narrative, beginning with ideas gleaned from the discourse of visual literacy, and proceed by applying textual analysis adapted from the more traditional modes of literary studies and film analysis. A combination of critical and evaluative sources will be examined, including book-length studies of the series, individual essays based on the series' appeal to style, American popular culture, advertising, gender roles, race, and 60s nostalgia. Additionally, the recent phenomenon of the series recap will serve as the touchstone to the class's collective viewing of the series and students will be challenged to synthesize and assess these popular on-line critiques as they draft their own recaps and creative readings of the episodes. The entire first two seasons of Mad Men will be studied and the invaluable resource of director/producer commentaries will be incorporated into the study of the series with a view to acquiring critical insights and analytical skills that may be applied to other quality TV series that students currently enjoy watching.

- **ENG-H266 Mad Men: Reading Visual Narratives**

Prerequisites:

Restricted to CAS Honor Students

Credits:

4.00

Description:

This course will focus on the cultural phenomenon of the TV Series Mad Men, considered by many to be the foremost example of Quality TV produced during the so-called golden age of television and engage with it on visual, cultural, literary and filmic levels. The basic premise of the course is that the current practice of binge watching one's favorite shows should be a heightened experience rather than a guilty pleasure, one akin to reading a novel. Watching a complex and sophisticated TV narrative involves taking into account the viewer's positionality as a filmic consumer, textual critic and social commentator. The class will consider various theoretical approaches to television narrative, beginning with ideas gleaned from the discourse of visual literacy, and proceed by applying textual analysis adapted from the more traditional modes of literary studies and film analysis. A combination of critical and evaluative sources will be examined, including book-length studies of the series, individual essays based on the series' appeal to style, American popular culture, advertising, gender roles, race, and 60s nostalgia. Additionally, the recent phenomenon of the series recap will serve as the touchstone to the class's collective viewing of the series and students will be challenged to synthesize and assess these popular on-line critiques as they draft their own recaps and creative readings of the episodes. The entire first two seasons of Mad Men will be studied and the invaluable resource of director/producer commentaries will be incorporated into the study of the series with a view to acquiring critical insights and analytical skills that may be applied to other quality TV series that students currently enjoy watching.

Type:

Honors

• ENG-301 Literary Criticism Seminar

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course seeks to answer the following questions. What is literature? Why do we study literature? What methods aid the study of literature? What are English Studies all about? This course extends reading and writing skills, and provides more specialized terms, knowledge, and approaches to prepare students for study at the junior and senior level. Topics vary from term to term. Student must have completed 80 credits or less Normally offered Fall and Spring semesters.

Term:

Offered Both Fall and Spring

- **ENG-311 Medieval Literature Survey**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to medieval literature, this course will focus on short readings from various genres, such as the lyric, chronicle, fable, with emphasis on the romance. The culmination of the course is a drama segment in which students can participate in a performance.

Term:

Occasional

- **ENG-312 English Grammar and Usage**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course provides a thorough review and analysis of the rules of standard English grammar and usage, including the debate between prescriptive and descriptive grammar, the origin and authority of the rules taught in school and in handbooks of English, and the insights of modern linguistics. Normally offered alternate years

Term:

Occasional

- **ENG-316 Fifth Century Athens**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to Periclean Athens, the golden age of classical Greek literature and thought. Close readings of selections from the historians Herodotus and Thucydides, the dramatists Aeschylus and Euripides, the poetry of Pindar, and Plato's great work on politics, *The Republic*. Cross-listed with History 336.

Term:

Occasional

Type:

Classics Minor

- **ENG-317 Classical Mythology**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Ancient Greek and Roman myths, their motifs, themes and interpretations. Normally offered every third year.

Type:

Classics Minor

- **ENG-320 Writing and Tutoring: Theory and Practice I**

Prerequisites:

WRI-102 or WRI-H103

Credits:

1.00

Description:

This course serves as the vehicle for training students who have been hired as writing tutors at CLAS. Students will be trained a one-on-one basis and will discuss a tutoring experience they have had in CLAS the previous week each class.

- **ENG-321 Writing and Tutoring: Theory and Practice II**

Prerequisites:

WRI-102 or WRI-H103

Credits:

1.00

Description:

This course is a continuation of ENG 320. This course serves as the vehicle for training students who have been hired as writing tutors at CLAS. Students will be trained a one-on-one basis and will discuss a tutoring experience they have had in CLAS the previous week each class.

- **ENG-323 Chaucer**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Close reading and discussion of the Canterbury Tales and Troilus and Criseyde against the background of the late Middle Ages. Normally offered alternate years.

Term:

Occasional

- **ENG-324 Shakespeare's Comedies**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Shakespeare's background and development as a dramatist through an examination of selected comedies. Collateral reading of the minor plays and Shakespeare criticism. Normally offered every third semester.

Term:

Occasional

- **ENG-325 Shakespeare's Histories**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Shakespeare's English and Roman history plays. Emphasis on Shakespeare's use of his sources and the plays in performance. Normally offered every third semester.

Term:

Occasional

- **ENG-E325 Service Learning Component**

Credits:

0.00

Description:

Service Learning Component

- **ENG-326 Shakespeare's Tragedies**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Shakespeare's major tragedies reflecting the range, resourcefulness, and power of his dramaturgy. Collateral reading in Shakespeare criticism. Normally offered every third semester.

Term:

Occasional

- **ENG-334 17th Century Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Representative selections of seventeenth-century poetry and prose, including Behn, Burton, Donne, Drayton, Dryden, Jonson, Milton, Pepys, Wroth, and others. Normally offered alternate years.

Term:

Occasional

- **ENG-337 18th Century English Novel**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

The beginnings of the realistic novel including the works of Defoe, Richardson, Fielding, Smollet, and Burney and considering the sentimental novel (Sterne) and the gothic novel (Walpole and Radcliffe). Normally offered alternate years.

- **ENG-343 19th Century English Novel**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Development of the Romantic and Victorian novel. Readings in major works of the Brontes, Dickens, Thackeray, Austen, Eliot and Hardy. Normally offered alternate years.

Term:

Occasional

- **ENG-344 English Romantic Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

The mind and spirit, poetics and poetry of Wordsworth, Coleridge, Byron, Shelley and Keats, along with selected prose. Normally offered alternate years.

Term:

Occasional

- **ENG-347 20th Century Female Gothic**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course focuses on Gothic literature by women writers, from its origins in the 18th century to the present, focusing primarily on 20th century writers. The novels, short stories, and films we will discuss involve haunted houses, secret chambers, madness, and other Gothic tropes. Writers to be studied will include Charlotte Bronte, Daphne du Maurier, Shirley Jackson, Jean Rhys, Angela Carter, and others.

- **ENG-348 Jane Austen**

Prerequisites:

Take WRI-102 or WRI-H103

Credits:

3.00

Description:

Introduces Jane Austen's major novels, including *Pride and Prejudice* and *Mansfield Park*, along with relevant current scholarship and contextualizing historical material. Contemporary parodies, updates, and film adaptations of Austen's work will also be considered. Topics to include the history of the novel, gender and authorship, and narrative theory.

- **ENG-352 Global American Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Explores American and African American literature in the context of cosmopolitan thought and revolutionary action. This course considers how writers balance their interest in building a national culture with their desire for global adventure and their concern for matters of race, gender, politics, and civil rights that transcend their time and place. Includes readings from the nineteenth and twentieth centuries as well as a contemporary American journalist's memoir about life in the Middle East.

Term:

Occasional

- **ENG-353 Dwelling in American Realism**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

In-depth exploration of American Realism from the post-Civil War era to the pre-WWI era (roughly 1875 to 1915). Particular emphasis is given to the role of houses and material and consumer culture in the forging of American identity. Authors may include Howells, Twain, James and Wharton among others. Normally offered alternate years. Students will also visit authors' houses in the Boston area. This course requires prior approval in order to count towards the Women's and Gender Studies Minor. Students should consult with the instructor and the director of the WGS Minor no later than the first week of classes.

Term:

Occasional

- **ENG-355 American Prose 1870 - 1920**

Prerequisites:

WRI-H103 (WRI-H103 requires a minimum grade of B+) or WRI-102

Credits:

4.00

Description:

The revolution in American literary consciousness between the Civil War and the First World War, and the transition from the traditional to the modern, in the work of Mark Twain, Henry James, Stephen Crane, Theodore Dreiser, and others. Normally offered alternate years.

Term:

Occasional

- **ENG-356 Whitman and Dickinson**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An investigation of the lives and works of two of nineteenth-century America's greatest and most original poets. Topics will include types of poetic language and formal structure, the work of the poetic imagination in transforming observations of the world into art, and the ways in which poets process the idea of death and the reality of war. Finally, this course examines Whitman and Dickinson's impact on American popular culture as well as on the writings of modern poets and literary critics.

Term:

Occasional

- **ENG-357 African-American Literature I**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

African-American writing from the beginning through the present. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **ENG-360 Mid-20th Century American Fiction 1950-1975**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

The course will cover major works of American fiction from the period between World War II and the end of the American war in Vietnam. The course will consider fiction from the Beat Generation, New Journalism, the Black Arts Movement, and postmodernism as well as major writers who aren't easily classified. Possible authors include Ellison, Kerouac, O'Connor, McCarthy, Cheever, Roth, Updike, Didion, Mailer, Bellow, Bambara, Barth, and Pynchon.

Term:

Occasional

- **ENG-362 Asian American Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

Asian Studies

- **ENG-363 Modern British Poetry**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Yeats, Eliot, Auden, Dylan Thomas, Philip Larkin, Seamus Heaney and Ted Hughes and the considerable achievements of other poets from WWI to the present, including the influences of the Georgians, the imagists and the new poets. Verse drama will also be considered.

Term:

Occasional

- **ENG-368 Modern British Drama**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Important playwrights and their productions: Wilde, Shaw, Galsworthy, Maugham, Synge, O'Casey, Coward, Osborne, Pinter, Beckett, Stoppard, Keatley, and others. Topics: "The New Woman," "Bright Young Things," "Angry Young Men," and more. Normally offered every third year.

Term:

Occasional

- **ENG-369 Modern American Drama**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Study of plays and productions from the late 19th century to the present. Playwrights included: Moody, Herne, Sheldon, O'Neill, Glaspell, Crothers, Treadwell, Sherwood, Kaufman and Hart, Saroyan, Odets. Williams, Miller, Albee, Mamet, among others. Significant performers, directors, theatre critics, Broadway culture, and popular theatre provide context.

Term:

Occasional

- **ENG-370 Fiction Writing Workshop I**

Prerequisites:

ENG-212

Credits:

4.00

Description:

An intensive workshop in which the student will be required to write original fiction. The focus of the course will be on the student's own work, submitted on a weekly basis. The course will also provide the student writer with practical experience in matters of plot, character, dialogue, structure, etc. Normally offered annually.

Term:

Alternates Fall & Spring

- **ENG-371 Creative Non-Fiction Workshop**

Prerequisites:

ENG-212

Credits:

4.00

Description:

For students interested in writing autobiography and/or other forms of the personal essay. Topics can include childhood, place, sexuality, religion, work, the nature of memory. The focus will be on the writing process, with students presenting work-in-progress to the class for discussion and revision. The student should plan to read models of creative non-fiction. Normally offered annually.

Term:

Occasional

- **ENG-374 Drama Seminar**

Prerequisites:

WRI-102 or WRI-H103 with a minimum grade of B+

Credits:

4.00

Description:

Discussion and presentations on a pre-announced subject: a major playwright, a dramatic movement or genre, or the relation between script and performance. Normally offered every third year.

Term:

Occasional

- **ENG-375 Poetry Writing Workshop I**

Prerequisites:

ENG-212

Credits:

4.00

Description:

An intensive workshop course in which the student will be required to write original poetry for each class meeting. The focus of the course will be on the student's own work. We will examine the highly individual processes of composition and revision, and the methods writers use to keep their own practice of poetry alive and well. We will also examine as many of the constituent elements of poetry as possible, from image and rhythm to line and structure. Normally offered annually.

Term:

Offered Both Fall and Spring

• ENG-376 Literary Publishing

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

• ENG-387 Writing Women

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course studies 19th and 20th century women writers and questions the type of women who write, what they write about, and why they write. Themes we examine include domesticity, assimilation, and madness. Authors studied in the past have included Edith Wharton, Willa Cather, Anzia Yezierska, Nella Larsen, and Sylvia Plath. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **ENG-388 Utopias and Dystopias**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course follows the spirit of utopian experimentation as it travels through the linguistic patterns and imaginative conditions of brave new worlds in literature. We will consider how utopian thinking allows writers to take creative license with political systems, social relations, gender roles, and racial identities, and to blur dividing lines between nature, technology, and culture as well as between Earth and the cosmos. Our readings will balance such foundational texts as Plato's Republic and More's Utopia with revolutionary works from the nineteenth through the twenty-first centuries, and conjure utopian dreams as well as dystopian worlds gone wrong. Selected works of literary criticism and films will also be included.

- **ENG-390 Writing Process and Revision**

Prerequisites:

Any ENG course except for WRI-101

Credits:

4.00

Description:

This course studies the expressive and cognitive approaches to the writing process through personal journal writing, metaphor use and a review of grammar and stylistics. Written assignments emphasize discovery and invention as well as the revising of academic prose. Normally offered every other year.

Term:

Occasional

- **ENG-392 Readings in Post-Colonial Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An Exploration of Post-colonial literature and how the empire writes back following the collapse of European colonialism. Special emphasis will be placed on the legacy of British Colonial rule and the contemporary use of literature and the English Language to both resist and problematize Eurocentric cultural assumptions. Authors studied will include E.M. Foster, Salman Rushdie, J.M. Coetzee, Anita Desai, Hanif Kureishi, and Zadie Smith, among others. Students will be introduced to Post-colonial critical theory and view film adaptations of literary texts.

Term:

Occasional

- **ENG-394 Critical Prose**

Prerequisites:

WRI-102 or WRI-H103 with a minimum grade of B+

Credits:

4.00

Description:

This course studies both the literary and rhetorical modes of expository essay writing. Readings will focus on the craft of writing, the art of revision and reflections on the reader-writer relationship. Students will be asked to analyze prose passages, compose critical essays and work in peer groups. Normally offered alternate years.

Term:

Occasional

- **ENG-395 Rhetoric and Memoir**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course examines the rhetoric of memoirs written primarily by international figures who seek to use personal stories to shape readers' perspectives on political issues. After a brief introduction to rhetorical theory and to the genre of memoir, this course will examine contemporary memoirs that address such issues as racism, sexism, religious extremism, war, and genocide.

Term:

Occasional

- **ENG-396 Varieties of Workplace Writing**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course studies a variety of workplace writing including summaries, memos, letters, directions, descriptions, reports and other technical and professional documents. Students may be required to complete certain assignments in collaborative teams. Document design and layout will also be emphasized. Normally offered alternate years

Term:

Occasional

- **ENG-398 Boston: a City in Fiction**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Boston in novels from its beginning to the present: plan of the city, architecture, population, social classes, politics and human problems. Hawthorne, James, Howells, Jean Stafford, Edwin O'Connor, Dorothy West, and others.

Term:

Occasional

- **ENG-399 Irish Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Writers of the Irish Literary Revival, from the 1890s to the 1930s. Readings from Yeats, Joyce, Synge, O'Casey, and O'Flaherty. The influence of Anglo-Irish history on Irish writers. Normally offered every third year.

Term:

Occasional

- **ENG-407 Literary Theory**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

A seminar on current approaches to the interpretation of literature, including psychoanalysis, deconstruction and feminist criticism. Students will experiment with making use of theory in analyzing selected literary texts.

Term:

Occasional

- **ENG-408 Modern Greek Literature in English Translation**

Prerequisites:

WRI-102 or WRI-H103 with a minimum grade of B+

Credits:

4.00

Description:

A survey of writings in Modern Greek from 1821 to the present exploring Hellenism and the Greek cultural identity. Authors studied will include Kostis Palamas, Georgios Vizyinos, Alexandros Papadiamantis, Stratis Myrivilis, Photis Kontoglou, Dido Sotiriou, George Seferis, Constantine Cavafy, and Odysseas Elytis. A section of the syllabus will be reserved for the Greek-American/diaspora writers Helen Papanikolas, Elia Kazan, Jeffrey Eugenides, Olga Broumas, and Tryfon Tolides. Films and music traditions will be sampled as well.

Type:

Classics Minor

- **ENG-409 Literary Bloomsbury: Woolf and Forster**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This class will engage with the major novels and selected literary writings of two of the twentieth century's most important modernist voices, Virginia Woolf and E.M. Forster. We will approach their writings within the intellectual framework of British modernism and the cultural context of the Bloomsbury Group out of which they emerged. Special attention will be paid to their theoretical writings on fiction as well as their respective contributions to feminism and queer theory. The class will also view cinematic adaptations of certain novels and discuss how these films have contributed to the enduring appeal and status of these texts as classics of twentieth-century fiction.

Term:

Occasional

- **ENG-410 From Pagan Reason to Christian Revelation**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

A survey of major works of literature and thought crucial to the transformation of pagan models of reason to Christian systems of belief, including works by Plato and Plotinus, St. Augustine and Dante. Of central concern is the changing conception of love, from Eros to Agape. Note: This course is cross-listed with HST 339.

Term:

Occasional

Type:

Classics Minor

- **ENG-421 Special Topics in Group 1: Approaches To English Studies**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 1 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-422 Special Topics in Group 2: Genre and Backgrounds**

Prerequisites:

Any 200-level English course

Credits:

4.00

Description:

A course that fits Group 2 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-424 Special Topics in Group 4: Literary History II : 1700-1900, American or British**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

A course that fits Group 4 of the English major requirements with varying subject matter. A interdisciplinary offering that features the writing of three of the late 19th century's greatest minds: Henry, the novelist who wrote *The Portrait of a Lady*, *Daisy Miller*, and *The Turn of the Screw*; William, the philosopher and psychologist who wrote *Principles of Psychology* (1890) and *Varieties of Religious Experience* (1902); and Alice, their sister, who became a feminist icon through her remarkable diary. A selection of these works will be explored alongside a James family biography.

Term:

Occasional

- **ENG-425 Special Topics in Group 5: Literary History III: 1900- Present American, British, Or World**

Prerequisites:

Any 200-level English course

Credits:

4.00

Description:

A course that fits Group 5 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-426 Virgil's Eclogues**

Prerequisites:

Any 200-level English course

Credits:

1.00

Description:

A study of these poems by the Roman poet with a focus on the issues of translation.

Term:

Occasional

- **ENG-428 Virgil's Aeneid: First Three Books**

Prerequisites:

Any 200-level English course

Credits:

1.00

Description:

A week by week reading of the Mesopotamian Epic that predates the Iliad by one thousand years, and is a masterpiece of heroic endurance and tragic insight. Discussions will be led by David Ferry, whose beautiful translation the class will use as text.

- **ENG-429 Classic Literature of the Underworld**

Prerequisites:

WRI-102 or WRI-H103

Credits:

1.00

Description:

This course will conduct close reading and discussion of selections from classical Greek and Roman texts, as well as from ancient Mesopotamian texts, highlighting passages that trace the descent to the underworld. Some of these readings include: the realm of the shades in Gilgamesh, the myth of Orpheus and Eurydice in Virgil, Homer's Odysseus and Achilles in Hades, the source of the River Styx in Pausanias.

- **ENG-430 Literature of the Vietnam War and the Post 9/11 Wars**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course will examine some of the fiction, non-fiction, and poetry produced in response to the Vietnam War and the most recent war in Iraq. In addition to comparing the literature that has emerged from these two very different wars, these texts will also be examined in relation to peace studies, a field in which there is an emerging consensus that literature and the arts must play a central role in examining questions of war and peace.

Term:

Occasional

- **ENG-432 Classical Greek and Roman Poetry**

Prerequisites:

Any 200 level ENG course.

Credits:

1.00

Description:

A close reading of verse passages from various texts of narrative and lyric poetry. In particular the Roman absorption of, and resistance to, their Greek literary inheritance will be stressed.

- **ENG-440 The Odes of Horace**

Prerequisites:

Any 200-level English course

Credits:

1.00

Description:

This course represents a journey through the poetry of Horace, contemporary of Virgil and celebrated poet of the Pax Romana. Discussions will be led by David Ferry, whose beautiful translation of Horace's poetry the class will use as text.

- **ENG-470 Fiction Workshop II**

Prerequisites:

Any 200-level English course

Credits:

4.00

Description:

An intensive practical examination of plot, narrative, characterization, and style in the writing of fiction and/or creative non-fiction. Particular attention will be devoted to group discussion of weekly student writing assignments. Normally offered alternate years.

Term:

Alternates Fall & Spring

- **ENG-471 Advanced Nonfiction Workshop**

Prerequisites:

Any 200-level English course

Credits:

4.00

Description:

An advanced course in non-fiction writing that focuses intensively on developing non-fiction through weekly group discussions of student writing. Particular attention will be devoted toward deepening and expanding the range of possibilities available to non-fiction writers. Topics can include childhood, place, sexuality, religion, work, the nature of memory. The focus will be on the writing process, with students presenting work-in-progress to the class for discussion and revision. Normally offered annually.

- **ENG-475 Poetry Workshop II**

Prerequisites:

Any 200-level English course

Credits:

4.00

Description:

An intensive workshop course in which the student will be required to write original poetry for each class meeting. The focus of the course will be on both the quantity and quality of the student's own work. There will also be specific assignments in the many formal elements of the art. Written self-evaluations will also be required. Normally offered in alternate years.

Term:

Offered Spring Term

- **ENG-476 Salamander Practicum**

Prerequisites:

Take ENG-212

Credits:

4.00

Description:

Salamander is a nationally known professional literary journal published from the Suffolk University English Department. In the Salamander Practicum course, students serve as first evaluators of submissions to the magazine, including poetry, fiction, and memoir. They will compare and discuss their evaluations and make recommendations to the editorial board and assist with magazine production, marketing, and event planning. Students will study and write literary analyses of works included in Salamander and in other professional literary journals, such as Ploughshares, Agni, One Story, and the Harvard Review.

- **ENG-490 Imperial Rome**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course offers an introduction to the Golden Age of Roman culture and power. Close readings of selections from major historians, poets, political thinkers, and philosophers will be examined in the context of Augustan Rome. Topics such as pietas, virtus, and gravitas, as well as the competing claims of public duty and private devotion, stoic maxim and erotic love lyric, will be discussed from the perspectives of writers such as Virgil, Livy, Tacitus, Horace, Catullus, and Lucretius. Note: This course is cross-listed with HST 304. Normally offered in alternate years.

Type:

Classics Minor

- **ENG-510 Independent Study**

Prerequisites:

WRI-102 or WRI-H103

Credits:

1.00- 4.00

Description:

By special arrangement, a junior or senior may pursue an independent research project under the supervision of a faculty member. Consent of instructor and chairperson required. Offered every semester.

Term:

Offered Both Fall and Spring

- **ENG-514 Internship in English**

Prerequisites:

WRI-102 or WRI-H103

Credits:

2.00

Description:

Individualized guidance in a career-related activity. Upper-class English majors may gain academic credit for work preparing them for an English-related career, provided that the work is monitored by a member of the English faculty. Department approval is required.

Term:

Occasional

- **ENG-515 Salamander Internship**

Prerequisites:

WRI-102 or WRI-H103

Credits:

1.00

Description:

A semester-long internship working with the Editor and Managing Editor of Salamander Literary Magazine. Students will gain experience in editing, layout, and production of one of two annual editions of Salamander.

- **ENG-H523 Honors Seminar in Group 3: Literary History I: Medieval to Renaissance**

Prerequisites:

ENG 213, 214, 215, 216, 217 OR 218 Admission By Invitation Only

Credits:

4.00

Description:

Honors seminar that fulfills Group 3 of the English major.

Type:

Honors

- **ENG-H524 Honors Seminar in Group 4: Literary History II: 1700 - 1900, American Or British**

Prerequisites:

ENG-213, 214, 215, 216, 217 OR ENG 218 Admission by invitation only

Credits:

4.00

Description:

Honors seminar that fulfills Group I of the English major.

Type:

Honors

- **ENG-H525 Honors Seminar in Group 5 Literary History III: 1900 - Present American, British, Or World.**

Prerequisites:

ENG 213, 214, 215, 216, 217, or ENG 218; Invitation only

Credits:

4.00

Description:

Honors seminar that fulfills Group I of the English major.

Type:

- **ENG-H555 Senior Honors Thesis**

Prerequisites:

Restricted to CAS Honors students or other English majors with a GPA of 3.5 or above in English courses admitted by application to the department by the end of their junior year.

Credits:

1.00- 3.00

Description:

Independent reading, research, and writing under the supervision of a full-time English faculty member. Restricted to CAS Honors students or other English majors with a GPA of 3.5 or above in English courses admitted by application to the department by the end of their junior year. Normally taken for 1 credit in the Fall and 3 credits in the Spring of senior year.

- **WRI-101 First Year Writing I**

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- **WRI-L101 Developmental Writing 101 Lab**

Credits:

0.00

Description:

A non credit course for students enrolled in Freshman Composition who need to improve their control of the writing process, English mechanics, and fluency of expression. WRI L101 is a hybrid course that combines online grammar and writing practice with face-to-face support from English

instructors.

- **WRI-102 First Year Writing II**

Prerequisites:

WRI-101 or ENG-099 with at least a B and ENG-P099 with a P or WRI-H103

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

- **WRI-H103 Advanced First Year Writing**

Prerequisites:

By Invitation Only.

Credits:

4.00

Description:

This course is by invitation only and reserved for incoming Suffolk students with high admission scores. Advanced study and practice of writing process, revision, and research, based on close readings of a variety of texts. Fall semester only.

Type:

Honors



2017-2018 Archived Catalog Information

Developmental English Programs

The mission of Developmental English is to provide academic support to those students enrolled in our Developmental English Courses, Freshman Second Language Program (FSL), English Language for Internationals Program (ELI), and EF/SU Transitional Program.

Support is offered through rigorous English and core content courses, intensive advising, and faculty outreach. We also provide CLEP and institutional TOEFL examinations.

- [Developmental English](#)
- [Freshman Second Language Program \(FSL\)](#)
- [English Language for Internationals Program \(ELI\)](#)

- **ENG-095 Developmental English Skills I**

Credits:

4.00

Description:

This course is appropriate for native English speakers as well as non-native English speakers with a high level of oral fluency, but a need to improve English reading and writing skills for an academic setting. The course provides students with opportunities for and guidance in the development of Academic English writing. Class activities focus on aiding students in improving their academic English reading and writing skills to the proficiency levels required by the University. Particular emphasis is placed on the importance of planning, organizing and revising essays, as well as learning how to analyze, summarize, and cite an author's ideas and words. Offered in the Fall, Spring, and Summer Session I semesters. Course is enrolled by placement or instructor consent only.

- **ENG-096 Developmental English Skills II**

Credits:

4.00

Description:

A continuation of ENG 095, this course provides opportunities to both native and non-native English speakers for further development of Academic English proficiency. Class activities focus on aiding students in improving their academic English reading and writing skills to the proficiency levels required by the University. Particular emphasis is placed on the importance of planning, organizing and revising essays, as well as learning how to analyze, summarize, and cite an author's ideas and words. Offered on the Madrid Campus only.



2017-2018 Archived Catalog Information

Developmental English Programs

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Support is offered through rigorous English and core content courses, intensive advising, and faculty outreach. We also provide CLEP and institutional TOEFL examinations.

- [Developmental English](#)
- [Freshman Second Language Program \(FSL\)](#)
- [English Language for Internationals Program \(ELI\)](#)

The FSL Program enrolls non-native English speakers who are graduates of high schools accredited in the United States, as well as international students who have achieved a TOEFL score of at least 500 (PBT), 173 (CBT) or 61 (IBT). Other standardized tests that demonstrate academic English proficiency, such as the IELTS, SATs, or ACTs will also be considered for admission.

The FSL program is a full freshman year. The program includes courses from Suffolk University's core requirements, for which students earn academic credit and make advancements toward earning a baccalaureate degree.

Students must maintain a grade of a C- or higher in order to pass the program and advance to their sophomore year.

All students in the FSL Program take the following courses their first year:*

FSL Program Courses

Fall Semester

- ENG-098 ESL Reading/Writing I

Credits:

4.00

Description:

Utilizing a freshman-level English textbook and materials from the content courses, this course furnishes students with active reading strategies and the conventions of academic writing that will be applicable to their collegiate course work. Students will develop the analytical skills necessary for academic success by producing in-class and take-home essays, participating in debates, and giving oral presentations. Students will be required to work with a course management program and to utilize technology effectively in their writing. The skills obtained in these courses will allow students to participate comfortably in their mainstream college classes.

- **HST-150 Empires & Globalization in World History II**

Credits:

4.00

Description:

This is the second of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include state-making, wars, and the rivalry among early modern empires, economic development, the Industrial Revolution and the formation of the global trade system. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **CI-113 Revising Reality**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Reality and perception have been debated and discussed for millennia. Humans see and experience their world in different ways. How do humans determine what is true and good and what advancements are necessary? In this course, students will creatively explore these big questions and revisit knowledge using new and sometimes divergent perspectives. Students will participate in dirty and courageous learning by crafting products, creating visual projects, and coming into original thought via trial and error. Students will also develop their analytical and critical thinking skills, while learning to communicate effectively and honestly.

Type:

Creativity and Innovation

Program Elective(s) (4-5 Credits)

Spring Semester

Note: Students in the College of Arts & Sciences must take SF-1138. Students in the Sawyer Business School must take P.AD-201.

- **ENG-099 ESL Reading/Writing II**

Credits:

4.00

Description:

A continuation of ENG 098, this course further furnishes students with active reading strategies and the conventions of academic writing that will be applicable to their collegiate course work. Students will develop the analytical skills necessary for academic success by producing in-class and take-home essays, participating in debates, and giving oral presentations. Students will be required to work with a course management program and to utilize technology effectively in their writing. The skills obtained in these courses will allow students to participate comfortably in their mainstream college classes.

- **SF-1138 Malevolent Or Misunderstood?: Monsters of Mythology**

Credits:

4.00

Description:

This course will critically engage with folk and pop-cultural representations of monsters. Students will read from diverse areas relating to the topic, including psychology, anthropology, history, and cultural studies. This course will explore the changes in monster figures from early history to the internet age. The main purpose of this course is to teach students to write academically and to think critically. This course aims to give students the tools to engage in academic inquiry, to think beyond what they believe they already know and to question. This course will give students the freedom to develop their own ideas about the subjects discussed.

• P.AD-201 Social Change

Credits:

3.00

Description:

This course will examine social change in the U.S. and abroad. The course will also examine the role of business, nonprofits, and the public sector in addressing social problems. Topics studied may include the Industrial Revolution, the civil rights movement, the women's movement, environmentalism, and the gay and lesbian movement.

Program Electives (8-9 Credits)

*NESAD students' program may deviate slightly. ^[1]_{SEP}All FSL courses award academic credit. The amount of credit awarded toward degree requirements varies with the school and major the student matriculates into.



2017-2018 Archived Catalog Information

Developmental English Programs

The mission of Developmental English is to provide academic support to those students enrolled in our Developmental English Courses, Freshman Second Language Program (FSL), English Language for Internationals Program (ELI), and EF/SU Transitional Program.

Support is offered through rigorous English and core content courses, intensive advising, and faculty outreach. We also provide CLEP and institutional TOEFL examinations.

- [Developmental English](#)
- [Freshman Second Language Program \(FSL\)](#)
- [English Language for Internationals Program \(ELI\)](#)

The ELI Program is an intensive, non-degree English as a Foreign Language program, designed for international students planning to attend Suffolk University or other American universities. The ELI classes help students develop English proficiency and prepare them to matriculate into a college setting. Because this is a language immersion program the classes are non-credit. The program is appropriate for students who need language instruction at the intermediate to advanced level; it is not designed for individuals with little or no knowledge of English.

The ELI Program offers seven levels of instruction. Each level may be completed within a semester of study. Four semesters of study are offered a year. The fall and spring sessions are 14-week programs, while the summer sessions meet for seven weeks. Placement into and progression through each level is determined using a variety of assessment tools, including coursework and the institutional TOEFL.

All levels require 20 hours of class instruction per week, including:

- 12 hours a week of skills instruction (grammar, reading, writing, speaking, listening, note taking, and research)
- 3 hours a week in the computer and/or language lab (TOEFL preparation, pronunciation and accent reduction, and academic computing skills)
- 5 hours a week of cultural and academic activities (including research and guest lectures)

English for Internationals Courses

- **ELI-004 Academic Presentation Skills Pronunciation Skills**

Prerequisites:

ELI Students only

Credits:

0.00

Description:

An introduction to the processes of professional communication, with an emphasis on oral presentations, effective listening, and interpersonal communication. Students acquire skills in oral and physical delivery, organization, persuasion, critical thinking, and the use of support media. Through lectures, text, and practical applications; students will learn how to select a topic, tailor a presentation to a specific audience, research, design, and structure an oral presentation, collaborate with a team of colleagues, utilize visual aids, and critique professional / rhetorical situations.

- **ELI-041 High Intermediate Listening/Speaking/ Pronunciation Skills**

Prerequisites:

ELI Students only

Credits:

0.00

Description:

For non-native speakers assessed to be at the high intermediate level (450-475/110-133 CBT TOEFL/2.8-3.3 TWE) who need to acquire aural fluency in American English. The focus is on intensive practice in listening comprehension, speaking and pronunciation. The course meets for six hours a week. College credit is not awarded. Co-Requisite courses: ELI 042, ELI 043, ELI 044

- **ELI-042 High Intermediate Reading/Writing/ Grammar Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at high intermediate level intermediate level (450-475/110-133 CBT TOEFL/2.8-3.3 TWE) who need to acquire written fluency in American English for an academic setting. The focus is on intensive practice in reading, writing, and English grammar. The course meets for six hours a week. College credit is not awarded.

- **ELI-043 High Intermediate Eli American Culture**

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high intermediate level (450-475/133-153) CBT TOEFL / 2.8-3.3 TWE) who need to acquire academic fluency in American English. The focus is on American culture, values, and institutions, giving students a content driven opportunity to practice the English language skills introduced in the other ELI courses. The course meets for five hours a week.

- **ELI-044 High Intermediate English - Academic Skills Lab**

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high intermediate level (450-475/133-153 CBT TOEFL / 2.8-3.3 TWE) who need to acquire academic writing skills. The focus is on research skills needed to be a successful student at an American college. The course meets for five hours a week. College credit is not awarded.

- **ELI-051 Low Advanced Listening/Speaking/ Pronunciation Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at low advanced level (475-500/3.0-3.5 TWE) who need to acquire aural fluency in American English. The focus is on intensive practice in listening, comprehension, speaking and pronunciation. The course meets or six hours a week. College credit is not awarded.

- **ELI-052 Low Advanced Reading/Writing/Grammar Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low advanced level (475-500/153-173 CBT TOEFL /3.0-3.5 TWE) who need to acquire written fluency in American English for an academic setting. The focus is on intensive practice in reading, writing, and English grammar. The course meets for six hours a week. College credit is not awarded.

- **ELI-053 Low Advanced American Culture Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low advanced level (475-500/153-173 CBT TOEFL /3.0-3.5 TWE) who need to acquire communicative fluency in American English. The focus is on American culture, values, and institutions, giving students a content driven opportunity to practice the English skills introduced in the other ELI courses. The course meets for five hours a week. College credit is not awarded.

- **ELI-054 Low Advanced Research Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low advanced level (475-500/153-173 CBT TOEFL/ 3.0-3.5 TWE) who need to acquire academic writing skills in American English. The focus is on research skills needed to be a successful student at an American college. The course meets for five hours a week. College credit is not awarded. The course meets five hours a week. College credit is not awarded.

- **ELI-061 High Advanced Listening/Speaking/ Pronunciation Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high advanced level (500-525/173-193 CBT TOEFL / 3.5-4.0 TWE) who need to acquire aural fluency in American English. The focus is on intensive practice in listening comprehension, speaking, and pronunciation. The course meets for six hours a week. College credit is not awarded.

- **ELI-062 High Advanced Reading/Writing/Grammar Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high advanced level (500-525/173-193 CBT TOEFL / 3.5-4.0 TWE) who need to acquire written fluency in American English for an academic setting. The focus is on intensive practice in reading, writing, and English grammar. The course meets for six hours a week. College credit is not awarded.

- **ELI-063 High Advanced American Culture Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high advanced level (500-525/173-193 CBT TOEFL / 3.5-4.0 TWE) who need to acquire academic fluency in American English. The focus is on American culture, values, and institutions, giving students a content driven opportunity to practice the English language skills introduced in the other ELI courses. The course meets for five hours a week. College credit is not awarded.

- **ELI-064 High Advanced Research Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high advanced level (500-525/173-193 CBT TOEFL / 3.5-4.0 TWE) who need to acquire academic writing skills in American English. The focus is on research skills needed to be a successful student at an American college. The course meets for five hours a week. College credit is not awarded.

- **ELI-071 Special Advanced Listening/Speaking/ Pronunciation Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For graduate level, non-native English speakers assessed to be at a high advanced level (525-550/ 190-200 CBT TOEFL / 4.0-4.5 TWE) who need to acquire aural fluency in American English. The focus is on intensive practice in listening comprehension, speaking, and pronunciation; the content is derived from Harvard Business School Case Studies. The course meets for six hours a week.

- **ELI-072 Special Advanced Reading/Writing/Grammar Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For graduate level, non-native English speakers assessed to be at a high advanced level (525-550/ 190-200 CBT TOEFL / 4.0-4.5 TWE) who need to acquire written fluency in American English. The focus is on intensive practice in reading, writing, and English grammar; the content is derived from business texts and Harvard Business School Case Studies. The course meets for six hours a week.

- **ELI-073 Spec Adv Amer Culture Lab**

Credits:

0.00

Description:

A course for graduate level, non-native English speakers assessed to be at a high advanced level of proficiency (525 - 550 PBT/ 193 - 213 CBT/ 70 - 79 IBT/ 3.5 - 4.0 TWE), who need to acquire communicative fluency in American English. The focus is on American culture, values, and institutions, giving students a content driven opportunity to practice the English skills introduced in the other ELI courses. The course meets for four hours a week. College credit is not awarded.

- **ELI-074 Spec Adv Research Skills**

Credits:

0.00

Description:

A course for graduate level, non-native English speakers assessed to be at a high advanced level of proficiency (525 - 550 PBT/ 193 - 213 CBT/ 70 - 79 IBT/ 3.5 - 4.0 TWE), who need to master graduate-level academic skills such as library research, evaluation of sources, quoting, paraphrasing and citation methods, and TOEFL preparation. The course meets four hours a week. College credit is not awarded.

- **ELI-077 Academic Presentation Skills Pronunciation Skills**

Prerequisites:

ELI Students only

Credits:

0.00

Description:

An introduction to the processes of professional communication, with an emphasis on oral presentations, effective listening, and interpersonal communication. Students acquire skills in oral and physical delivery, organization, persuasion, critical thinking, and the use of support media. Through lectures, text, and practical applications; students will learn how to select a topic, tailor a presentation to a specific audience, research, design, and structure an oral presentation, collaborate with a team of colleagues, utilize visual aids, and critique professional / rhetorical situations.



2017-2018 Archived Catalog Information

Economics

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Societies](#)
- [Economics Courses](#)

Major Requirements: 12 courses, 40 credits

Required Courses (9 courses, 28 credits)

- **CAS-201 College to Career: Explore Your Options And Find Your Path**

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

- **EC-101 Applied Microeconomics**

Prerequisites:

Non CAS majors need to have completed at least 15 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

- **EC-102 Global Macroeconomics**

Prerequisites:

Non-CAS majors need to have completed at least 15 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest

rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

- **EC-311 Intermediate Micro Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

Theory of consumer behavior and demand. Theory of production and costs of production. Theory of the firm, and price and output decisions in different market structures, i.e., under perfect competition, monopoly, monopolistic competition and oligopoly. Decisions relating to pricing and employment of various inputs (labor and capital) under perfectly competitive, and less than perfectly competitive, resource markets. Required of all majors in Economics. Normally offered every semester.

- **EC-312 Intermediate Macro Theory**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course covers the neoclassical and Keynesian models of aggregate economic activity. Coverage of the measurement of economic variables, such as aggregate income, the inflation rate, and the unemployment rate. Examines the behavior of the economy under conditions of price flexibility in the long run and price rigidity in the short run under rational and adaptive expectations. Analysis of the effect of changes in taxes and government expenditures, monetary policy and deficits on the economy. Coverage of the sources of economic growth. Required of all majors in Economics. Normally offered every semester.

- **EC-450 Applied Econometrics**

Prerequisites:

STATS-250 or STATS-240 or MATH-255 or permission of instructor

Credits:

4.00

Description:

This course begins with a brief review of statistical methods, including probability theory, estimation, and hypothesis testing. This background is used in the construction, estimation, and testing of econometric models. The consequences of a misspecified model, where the assumptions of a classical regression model are violated, are studied and the appropriate remedial measures are suggested. Other topics include dummy variables, binary choice models, and autoregressive models. Emphasis is on applied aspects of econometric modeling. There is extensive use of statistical software for data analyses. Normally offered every year.

• EC-490 Senior Seminar in Economics

Prerequisites:

EC-450 or STATS-350 and Senior Standing; Or permission of Undergraduate Director.

Credits:

4.00

Description:

This is a required course for all students majoring in economics, to be taken in the spring semester of their senior year. Students are required to develop an economic thesis project in consultation with the professor for the course and to present it to the class.

• EC-511 Professional Development in Economics

Prerequisites:

CAS-201 and at least 54 credits

Credits:

1.00

Description:

This one-credit course is designed to explore career opportunities in economics in depth. Classroom discussions, writing assignments, and site visits will help prepare students to identify and secure internship and post-graduate employment opportunities. Additional career paths, such as pursuing graduate studies in economics or related fields, and the application process, will also be addressed. The goal of this course is to help students reach their fullest professional potential following graduation.

• STATS-250 Applied Statistics

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

Elective Courses (3 courses, 12 credits)

Choose any three Economics courses, of which at least two must be at the 400-level

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Economics

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Minor Requirements: 6 courses, 22 credits

- EC-101 Applied Microeconomics

Prerequisites:

Non CAS majors need to have completed at least 15 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

- **EC-102 Global Macroeconomics**

Prerequisites:

Non-CAS majors need to have completed at least 15 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

Choose one of the following:

- **EC-311 Intermediate Micro Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

Theory of consumer behavior and demand. Theory of production and costs of production. Theory of the firm, and price and output decisions in different market structures, i.e., under perfect competition, monopoly, monopolistic competition and oligopoly. Decisions relating to pricing and employment of various inputs (labor and capital) under perfectly competitive, and less than perfectly competitive, resource markets. Required of all majors in Economics. Normally offered every semester.

- **EC-312 Intermediate Macro Theory**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course covers the neoclassical and Keynesian models of aggregate economic activity. Coverage of the measurement of economic variables, such as aggregate income, the inflation rate, and the unemployment rate. Examines the behavior of the economy under conditions of price flexibility in the long run and price rigidity in the short run under rational and adaptive expectations. Analysis of the effect of changes in taxes and government expenditures, monetary policy and deficits on the economy. Coverage of the sources of economic growth. Required of all majors in Economics. Normally offered every semester.

Choose two Economics courses, of which at least one is at the 400-level

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Omicron Delta Epsilon

Membership in Omicron Delta Epsilon, the international honor society in economics, is open to juniors and seniors who have a grade point average of “B” or higher in at least four economics courses and who have maintained an overall grade point average of “B” or higher. Members receive a certificate recognizing their scholastic achievement and have the opportunity to enter an economics essay contest.

Suffolk Economic Association

Membership in the Suffolk Economic Association is open to all members of the university community. The association sponsors lectures and seminars on economic issues and on careers in Economics.



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Economics

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
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- EC-101 Applied Microeconomics

Prerequisites:

Non CAS majors need to have completed at least 15 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

- **EC-H101 Honors Principles of Microeconomics**

Prerequisites:

Honors Section Only : GPA of 3.3 or higher required.

Credits:

3.00

Description:

Introduction to the organization and operation of a market economy with a focus on how it allocates scarce resources; the analysis of consumer demand and profit maximizing behavior of business; examination of pricing and output decisions under conditions of competition, monopoly and imperfect competition. Analysis of markets for labor and capital. Policy issues include price ceilings and floors, competition and monopoly. Normally offered every semester.

Type:

Honors

- **EC-102 Global Macroeconomics**

Prerequisites:

Non-CAS majors need to have completed at least 15 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

- **EC-H102 Honors Global Macroeconomics**

Prerequisites:

GPA of 3.3 or higher

Credits:

3.00

Description:

The measurement of economic growth; introduction to the theory of determination of national income and the price level; unemployment and inflation; theories on economic growth and the role of labor and capital in economic growth; functioning and impact of the monetary system; analysis of monetary and fiscal policies for economic stabilization; international transactions and their influence on the domestic economy. Prerequisites: GPA of 3.2 or higher. Normally offered every year.

Type:

Honors

- **EC-131 Environmental Economics**

Credits:

4.00

Description:

Identifies the environmental effects of economic activity, including polluted water and air, noise, and radiation, and values their costs and benefits. Analyzes mechanisms, including taxes and permits, for achieving a socially preferable level of pollution. Traces role played by institutions, including common ownership, in affecting environmental decay. Resource depletion (of oil, forests, and fisheries) and appropriate policy responses.

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Asian Studies

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

- **EC-311 Intermediate Micro Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

Theory of consumer behavior and demand. Theory of production and costs of production. Theory of the firm, and price and output decisions in different market structures, i.e., under perfect competition, monopoly, monopolistic competition and oligopoly. Decisions relating to pricing and employment of various inputs (labor and capital) under perfectly competitive, and less than perfectly competitive, resource markets. Required of all majors in Economics. Normally offered every semester.

- **EC-312 Intermediate Macro Theory**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course covers the neoclassical and Keynesian models of aggregate economic activity. Coverage of the measurement of economic variables, such as aggregate income, the inflation rate, and the unemployment rate. Examines the behavior of the economy under conditions of price flexibility in the long run and price rigidity in the short run under rational and adaptive expectations. Analysis of the effect of changes in taxes and government expenditures, monetary policy and deficits on the economy. Coverage of the sources of economic growth. Required of all majors in Economics. Normally offered every semester.

- **EC-410 Urban Economics: Asian Megacities in Comparative Perspective**

Prerequisites:

Take EC-101

Credits:

4.00

Description:

More than half of the world population lives in urban areas. This course sets out to explain the existence, growth, geographic patterns, and impact of cities, and the effects of public policy on urban form, structure, and activity. It addresses the urban issues of transportation, congestion, housing, crime, poverty and inequality, governance, and the environment, and asks how planning and policy can tackle these. The context of these discussions is the megacities of Asia: 24 of the world's 37 megacities (those with ten million or more inhabitants) are in Asia, where they are home to almost 500 million people. The choices made by these cities will be considered in comparative perspective, including with Boston, New York, Paris, and London.

- **EC-420 Special Topics in Economics**

Credits:

4.00

Description:

Special Topics course. Topic varies semester to semester.

- **EC-421 Public Finance**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The theory of tax policy and tax structure. The effects on economic behavior (including labor supply, saving, risk-taking and investment, charitable giving, and growth) of different taxes (income, sales, value-added, inheritance, wealth, property). Tax equity, efficiency and incidence, in the United States and in comparative perspective. Additional topics include modeling state taxes; social security and pensions; and tax compensation. Normally offered yearly.

- **EC-423 Economics of Regulation**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines regulation and analyzes the structure, conduct, and performance of American industry. Monopoly and strategic behavior in oligopoly and monopolistic competition are considered. U.S. antitrust law and the effect of regulatory laws on industrial performance are explored. Regulatory practices, rate setting, deregulation, public-enterprise pricing, and issues in privatization are examined, with an emphasis on case studies and policy analysis. Normally offered every other year.

- **EC-430 International Trade Theory & Policy**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines theories of international trade. The policy implications of each theory are explored and the effect of trade on the welfare of the nation is examined. Also the development of trade blocs and the the political economy of trade are studied. Normally offered every year.

- **EC-431 History of Economic Thought**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

Presents the leading contemporary schools of economic thought as the outcome of theoretical and philosophical controversies that began with the ancient Greeks and that continue today. The course covers the major contributors to economic thought, including Aristotle, Aquinas, the mercantilists, and the contributors to the 18th-century enlightenment, notably Adam Smith and David Hume. Going forward, it considers Marx, the neoclassical school of Jevons, Menger and Walras and the Keynesian school, along with some of the more modern schools such as behaviorism, institutionalism and cognitive economics. The contributions of the economists and philosophers studied in the course are considered in context of the times in which they wrote and lived. Students will acquire a grasp of the principal tenets of contemporary economic theory as well as an understanding of the historical origins of the disputes that still divide economists on major theoretical and philosophic issues.

- **EC-432 Managerial Economics**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

Managerial economics applies microeconomic and quantitative analysis to the formulation of rational managerial decisions. These tools shape decisions about output and pricing, about the choice of product quality, the type of production process used, the mix of inputs employed, the suitability of mergers and acquisitions, the management of risk, and the design of incentives in a world of imperfect information. This course explains the tools of managerial economics, puts them into context using numerous case studies, and applies them to significant real business situations.

- **EC-433 Public Choice**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course considers the degree to which it is possible to explain, predict, and guide political decision through the application of economic analysis. The course is organized around two competing visions of public choice: (1) a traditional organic approach that sees the core problem for public choice as requiring the maximization of social welfare and (2) a newer contractual approach that sees that problem as requiring attention to the institutional framework within which political decisions are made. Topics to be considered include the Arrow paradox and other problems in aggregating individual choices, rent-seeking, the Leviathan hypothesis, and non-market demand-revealing methods.

- **EC-435 Economics of Energy and Natural Resources**

Prerequisites:

Take EC-101;

Credits:

4.00

Description:

This course applies economic analysis to identify the origins, consequences, and policy implications of problems related to renewable and non-renewable natural resources, with particular attention to energy. Resources considered include forests, fisheries, water, minerals, and land. Energy resources covered include oil, gas, coal, nuclear, and alternatives (wind, solar, biomass, hydrogen, etc.), as well as electricity. Concepts examined include externalities, learning-by-doing, peak-load pricing, regulation, sustainability, cost-benefit analysis, and the commons problem.

- **EC-440 International Financial Economics**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course is a combination of International Finance and Corporate Finance and designed to give students a strong foundation in the theory and practice of multinational financial management. Course materials include (a) basics of corporate finance and capital asset pricing, (b) foreign currency futures, (c) derivative securities in foreign exchange markets such as currency futures, options, swaps, (d) exchange risk management for multinational corporations, (e) global capital markets and financial crisis.

- **EC-441 Analysis of Global Economics and Financial Data**

Prerequisites:

Take EC-101 and EC-102, and take STATS-240 or STATS-250; Junior standing or higher

Credits:

4.00

Description:

This course focuses on the use and interpretation of real world economic and financial data. Emphasis is on hands-on experience of retrieving data from various databases and applications of statistical methods for analytical purposes. Main topics include the behavior of developed and emerging equity markets, the analysis of foreign exchange rate movements, sovereign risk, foreign capital flows, the characteristics of foreign direct investment by multinational companies, and international trade patterns. The course trains students to further communication skills by requiring presentations of the data analysis and writing reports on various global economic and financial topics.

- **EC-442 International Monetary Economics**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The balance of payments and foreign exchange markets and instruments, and the determination of exchange rates. Balance-of-payments adjustments under alternative exchange-rate systems, international liquidity, international economics policy and open economy macroeconomics.

- **EC-445 The Economics of the European Union**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

An economic analysis of the European Union, the history of European monetary and economic integration. and the creation of the Euro. A survey of the development and evolution of key European policies, such competition, industry, agriculture, environment, regional, etc. A discussion of economic implications of the enlargement of the European Union, as well as its trade relations with the U.S. and other countries within the context of the World Trade Organization.

- **EC-450 Applied Econometrics**

Prerequisites:

STATS-250 or STATS-240 or MATH-255 or permission of instructor

Credits:

4.00

Description:

This course begins with a brief review of statistical methods, including probability theory, estimation, and hypothesis testing. This background is used in the construction, estimation, and testing of econometric models. The consequences of a misspecified model, where the assumptions of a classical regression model are violated, are studied and the appropriate remedial measures are suggested. Other topics include dummy variables, binary choice models, and autoregressive models. Emphasis is on applied aspects of econometric modeling. There is extensive use of statistical software for data analyses. Normally offered every year.

• EC-460 Game Theory

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course introduces students to the foundations of game theory using applications from economics and everyday decision-making. The course examines the common strategic elements of interactions between consumers and producers, governments and citizens, politicians and their constituencies, countries and their trading partners, and various other participants in social relationships. The course provides a theoretical framework for modeling strategic interaction, beginning with the development of the concept of a Nash equilibrium, reputation, signaling, collective-action problems, and voting procedures and strategies. Normally offered every other year.

• EC-483 Money, Banking & Financial Markets

Prerequisites:

EC 101, EC 102

Credits:

4.00

Description:

This course examines the role of depository institutions and the Federal Reserve system in determining the supply of money. The course also explains the financial environment and the role of monetary policy decisions on changes in price, interest rates, money, and economic activity. The course provides the student with both theoretical and applied analysis. Prerequisites: EC 101, EC 102.

- **EC-490 Senior Seminar in Economics**

Prerequisites:

EC-450 or STATS-350 and Senior Standing; Or permission of Undergraduate Director.

Credits:

4.00

Description:

This is a required course for all students majoring in economics, to be taken in the spring semester of their senior year. Students are required to develop an economic thesis project in consultation with the professor for the course and to present it to the class.

- **EC-503 Internship in Economics**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Approximately 12 hours per week working in a position designed to give the student responsibility and a learning opportunity in economics. Interested students should consult the instructor in advance.

- **EC-504 Economic Competitiveness: Theory and Practice**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

This course examines the concept of economic competitiveness among nations and states and its usefulness to policymakers seeking to improve economic conditions. The emphasis will be on state-based economic competitiveness. We will read the current literature on economic growth and competitiveness and explore the current controversy surrounding the shortcomings of business climate indices. Special attention will be given to Beacon Hill Institute's index which attempts to identify the states with the sets of policies that sustain long-term economic growth and sustainable high incomes for citizens. The student will apply a stress test to the BHI index identifying its strengths and weaknesses. To learn how the index is used by professionals, the student will also compare the index against similar measures and interview at least two practitioners on how their states apply the index. The student will meet regularly with her advisor and submit a research paper and a professional memorandum advising BHI on how best to improve the index.

- **EC-510 EC Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 5.00

Description:

Independent study in economics

- **EC-511 Professional Development in Economics**

Prerequisites:

CAS-201 and at least 54 credits

Credits:

1.00

Description:

This one-credit course is designed to explore career opportunities in economics in depth. Classroom discussions, writing assignments, and site visits will help prepare students to identify and secure internship and post-graduate employment opportunities. Additional career paths, such as pursuing graduate studies in economics or related fields, and the application process, will also be addressed. The goal of this course is to help students reach their fullest professional potential following graduation.

• STATS-250 Applied Statistics

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

• STATS-H250 Honors Applied Statistics

Prerequisites:

MATH-128, MATH 130, 134, 146, 164 or 165 and Honors Course; GPA of 3.3 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analyses. The use of computers is emphasized throughout the course. Prerequisite: MATH 130, MATH 134, MATH 146, or MATH 165 Honors Course GPA of 3.2 or higher required. 1 term - 4 credits Normally offered every year.

Type:

Honors

• STATS-350 Applied Statistical Methods

Prerequisites:

STATS 250

Credits:

4.00

Description:

This application-oriented course is designed to go beyond the topics covered in STATS 250. It includes topics like Analysis of Variance (ANOVA), special topics in regression analysis and index numbers. Further, time series data, which consist of values corresponding to different time intervals, are analyzed. The objective is to examine past time series values to forecast, or predict future values. Seasonal variations are also incorporated in the forecasts. The course will provide useful computer skills involving various statistical packages and is an excellent preparation for graduate work in business and social sciences.



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2017-2018 Archived Catalog Information

Education Studies

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Education Studies Courses](#)

Minor Requirements: 5 courses, 20 credits

Core Requirements (2 courses, 8 credits)

- EDUC-110 Introduction to Education

Credits:

4.00

Description:

Working with children and adolescents is a facet of many professions. This course will introduce students to the study of education occurring in formal and informal settings. This course focuses on the relationships among, and between, teachers, discourse, and community. Students will glean insight into the relationship of school and society as well as power and control in American Education. Required of all education minors. Five hours of field work required.

Term:

Offered Both Fall and Spring

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

Elective Courses (3 courses, 12 credits)

Choose three of the following, at least one of which should be an EDUC course and one must be a 300-level course:

- **EDUC-202 Educational Psychology**

Credits:

4.00

Description:

Examines the nature and development of human abilities and the teaching-learning process. Considers the facts and generalizations of child and adolescent growth and development, working with diverse cultures, and special needs children in school settings. Ten hours of field work.

Term:

Offered Both Fall and Spring

- **EDUC-203 Service Learning: Pre-K Outreach and Tutoring**

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring in an educational setting, or community organization, in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

- **EDUC-205 SL-Community Tutoring Project**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00- 8.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. Students complete 35 hours per semester of educational tutoring in a local school (K-5), in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Local Engagement Experience, Service Learning

- **EDUC-208 Service Learning: College Access**

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring and coaching in an educational setting, or a community organization in conjunction with a weekly seminar on campus. Programs include COACH, Connections to College, and others. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

- **EDUC-210 Service Learning: Alternative Spring Break**

Prerequisites:

Open to all majors, Instructor's signature required

Credits:

4.00

Description:

Students complete all research, travel, and reporting requirements in conjunction with Suffolk University's Alternative Spring Break. Open to all majors. No previous experience required.

Term:

Offered Spring Term

- **EDUC-214 SL-Introduction to Teaching**

Credits:

4.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. This course introduces students to the basic competencies of school teaching. Topics include: lesson planning, classroom management, grouping for instruction, effective pedagogical practices, assessment methods, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks/common core state standards. Field observations (25 hours) required.

Type:

- **EDUC-313 Classroom Communication**

Credits:

4.00

Description:

Examines communication between and among teachers and students in the classroom setting. Topics include: communication apprehension, building oral fluency, use of media technology to enhance student learning, cooperative learning, and related professional and legal responsibilities of teachers. Ten pre-practicum observation hours required for Teacher Candidates.

Term:

Offered Spring Term

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **EDUC-316 TESOL Practice**

Prerequisites:

Take EDUC-315

Credits:

4.00

Description:

Students will have opportunities to put the theories and techniques learned in EDUC 315- Strategies for Working with English Learners into practice. Students will be placed in various Suffolk University sites or classrooms where they will work to meet the specific needs and challenges of educating various language and cultural groups. Students will be required to spend 30 hours working in their placements. Students will attend a weekly seminar where connections between theory and practice are explored, experiences are shared, and Teaching & Service Portfolios will be created.

- **EDUC-402 History & Philosophy of American Education**

Credits:

4.00

Description:

Explores the evolution of schooling in the United States from The English High School to present. Theorists include: Mann, Franklin, Dewey, Sizer, and others.

Term:

Offered Spring Term

- **EDUC-408 Youth Programming**

Credits:

4.00

Description:

This course focuses on the exploration and understanding of issues, strategies and frameworks related to developing and implementing youth programs. Students will be exposed to developmental theories, and various components of effective youth programmatic planning. Topics include: conducting needs assessments, developing goals and objectives, logistics planning, recruitment and training, and program evaluation.

- **EDUC-414 Urban Schooling**

Credits:

4.00

Description:

This course is an in-depth investigation of policies effecting urban schools; topics include: demographic influence on education, influences of national and state regulations on urban schools, sociological factors unique to urban schools, and in-depth analysis of equity and achievement.

Term:

Occasional

- **EDUC-424 Global Issues and Trends in American Education**

Credits:

4.00

Description:

Examines major current issues of educational policy against the background of demographic trends, technological innovations, standardized testing, and curricular shifts.

Term:

Occasional

- **EDUC-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Members of the Department will meet with students to direct their research in areas of special interest to them. Projects of this sort will be authorized only in unusual circumstances upon the recommendations of the Department Chairperson and with the approval of the Dean. Offered by arrangement only.

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-209 Youth in American Society**

Credits:

4.00

Description:

The goal of the course is to provide a broad overview of children and youth and their place in American society. Particular attention is paid to (1) the impact of geographical location, social class, gender, race, sexuality, popular culture, mass media, and technology; (2) the intersection of youth cultures and mainstream society; and (3) the contention that some youth cultures are deviant.

- **SOC-210 Juvenile Justice and the Law**

Credits:

4.00

Description:

Considers the problems surrounding the legal definition and handling of juveniles who confront the law as offenders, clients and victims. Attention is devoted to the study of the special legal categories and procedures established for juveniles, the problems facing professionals providing juvenile services and the most significant directions of legal and social change affecting youth in our society. Normally offered every year. Fulfills the Sociology Department's Social Policy requirement.

- **SOC-232 Street Gangs**

Credits:

4.00

Description:

This course provides an overview of youth gangs and their sociological underpinnings, which are rooted in poverty and racism. Topical areas are discussed in relation to these key factors. Study topics include the history of gangs, theories about gang formation and individual membership, gangs and criminal behavior, socio-cultural importance of gangs, and strategies to control gang behavior. The course will utilize current gang issues in the US generally and in Massachusetts in particular as a basis to better understand the nuances of youth gangs.

- **SOC-237 School to Prison Pipeline**

Credits:

4.00

Description:

This course will examine the mechanisms through which U.S. social institutions, particularly schools, facilitate youth involvement in the juvenile and criminal justice systems. These mechanisms include: inequity, disability tracking, zero-tolerance policies, push-out, and the criminalization of adolescent behavior. Students will engage in activities aimed at analyzing these processes and developing methods to disrupt them at the social, political, educational, and instructional levels.

• SOC-308 Sociology of Education

Credits:

4.00

Description:

Education is key in a democracy in which students need to develop themselves into knowledgeable people, with a strong sense of self, able to think critically with a developed ability to question others and to feel and act as empowered, active citizens. This is a tall order given the varieties of pressures on schools these days. But it is extremely important for these skills to be developed. With the shift in the economy, schools are going to be the critical factor in enabling students to compete in a globalized workplace and world.

• SOC-332 Restorative Justice

Credits:

4.00

Description:

The purpose of this course is to introduce students to the principles of restorative justice and to examine the programs, practices and policies within schools, juvenile justice and the adult criminal justice system which implement a restorative practices. Restorative justice is a different philosophy of responding to harm which provides new roles for the victim, offender, community and professionals . We will compare a restorative approach to crime with the traditional system of discipline and crime control and critique the shortcomings of an adversarial or retributive response to criminal behavior. We will explore the theoretical and historical origins of traditional justice systems and restorative approaches. We will also examine how these ideas are being applied in practical partnerships between the justice system and the community here in the United States and around the world.

- **SOC-343 Child Welfare Services**

Credits:

4.00

Description:

A survey of the historical development and current composition of services for children, including income maintenance, daycare, foster and institutional care and the adoption process.

Term:

Occasional

- **SOC-344 Community Organization**

Credits:

4.00

Description:

A study of the different types and functions of communities. Through identifying community needs, resources, and structure, students learn effective ways to organize for change.

Please note that students majoring in Sociology may only double count one sociology course within the Education Studies minor.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Education Studies

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Education Studies Courses](#)

- EDUC-110 Introduction to Education

Credits:

4.00

Description:

Working with children and adolescents is a facet of many professions. This course will introduce students to the study of education occurring in formal and informal settings. This course focuses on the relationships among, and between, teachers, discourse, and community. Students will glean insight into the relationship of school and society as well as power and control in American Education. Required of all education minors. Five hours of field work required.

Term:

Offered Both Fall and Spring

- EDUC-202 Educational Psychology

Credits:

4.00

Description:

Examines the nature and development of human abilities and the teaching-learning process. Considers the facts and generalizations of child and adolescent growth and development, working with diverse cultures, and special needs children in school settings. Ten hours of field work.

Term:

Offered Both Fall and Spring

- **EDUC-203 Service Learning: Pre-K Outreach and Tutoring**

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring in an educational setting, or community organization, in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

- **EDUC-205 SL-Community Tutoring Project**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00- 8.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. Students complete 35 hours per semester of educational tutoring in a local school (K-5), in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Local Engagement Experience, Service Learning

- **EDUC-208 Service Learning: College Access**

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring and coaching in an educational setting, or a community organization in conjunction with a weekly seminar on campus. Programs include COACH, Connections to College, and others. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

- **EDUC-209 Reading and Writing in the Classroom**

Credits:

4.00

Description:

Students will become knowledgeable about the various approaches to teaching reading and writing in the content areas. This course is designed for teaching the necessary literacy skills in both Middle School and High School. Topics include: formal and informal assessment techniques, differentiation of instruction, diagnosing problems and integrating reading and writing into curriculum and instruction.

- **EDUC-210 Service Learning: Alternative Spring Break**

Prerequisites:

Open to all majors, Instructor's signature required

Credits:

4.00

Description:

Students complete all research, travel, and reporting requirements in conjunction with Suffolk University's Alternative Spring Break. Open to all majors. No previous experience required.

Term:

Offered Spring Term

- **EDUC-214 SL-Introduction to Teaching**

Credits:

4.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. This course introduces students to the basic competencies of school teaching. Topics include: lesson planning, classroom management, grouping for instruction, effective pedagogical practices, assessment methods, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks/common core state standards. Field observations (25 hours) required.

Type:

Service Learning

- **EDUC-215 Service Learning Jumpstart Community Literacies**

Credits:

4.00

Description:

This course is designed for Jumpstart Corps members to develop competencies in teaching strategies for reading and writing. The course introduces theoretical and instructional issues in the development of literacy skills. Students will be engaged in reflective, critical consideration of students' diverse needs in the acquisition of literacy.

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

- **EDUC-312 Curriculum and Pedagogy: Middle and Secondary School**

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Introduces students to the basic competencies of Middle and Secondary school teaching. Topics include: behavioral problems, classroom management, grouping for instruction, motivation and reward systems, individualized instruction, IEP's, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks developed by the Massachusetts Department of Education. Field observations and experiences are grounded in theoretical discussion as students begin to develop their personal philosophies of education. Field observations (40 hours) required. Required prior to student teaching.

Term:

Offered Fall Term

- **EDUC-313 Classroom Communication**

Credits:

4.00

Description:

Examines communication between and among teachers and students in the classroom setting. Topics include: communication apprehension, building oral fluency, use of media technology to enhance student learning, cooperative learning, and related professional and legal responsibilities of teachers. Ten pre-practicum observation hours required for Teacher Candidates.

Term:

Offered Spring Term

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **EDUC-316 TESOL Practice**

Prerequisites:

Take EDUC-315

Credits:

4.00

Description:

Students will have opportunities to put the theories and techniques learned in EDUC 315- Strategies for Working with English Learners into practice. Students will be placed in various Suffolk University sites or classrooms where they will work to meet the specific needs and challenges of educating various language and cultural groups. Students will be required to spend 30 hours working in their placements. Students will attend a weekly seminar where connections between theory and practice are explored, experiences are shared, and Teaching & Service Portfolios will be created.

- **EDUC-402 History & Philosophy of American Education**

Credits:

4.00

Description:

Explores the evolution of schooling in the United States from The English High School to present. Theorists include: Mann, Franklin, Dewey, Sizer, and others.

Term:

Offered Spring Term

- **EDUC-408 Youth Programming**

Credits:

4.00

Description:

This course focuses on the exploration and understanding of issues, strategies and frameworks related to developing and implementing youth programs. Students will be exposed to developmental theories, and various components of effective youth programmatic planning. Topics include: conducting needs assessments, developing goals and objectives, logistics planning, recruitment and training, and program evaluation.

- **EDUC-414 Urban Schooling**

Credits:

4.00

Description:

This course is an in-depth investigation of policies effecting urban schools; topics include: demographic influence on education, influences of national and state regulations on urban schools, sociological factors unique to urban schools, and in-depth analysis of equity and achievement.

Term:

Occasional

- **EDUC-415 Practicum: Middle School Teaching**

Prerequisites:

Coordinator of Student Teaching or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a middle school. See regulations regarding student teaching.

Term:

Offered Spring Term

- **EDUC-416 Practicum: Secondary School Teaching**

Prerequisites:

Instructor's or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a secondary school. See regulations regarding student teaching.

Term:

Offered Spring Term

- **EDUC-417 Assessment Theory and Practice**

Credits:

4.00

Description:

This course examines the development of formative, summative, authentic, and alternative assessment in education. Seminal works by Archbald, Baron, Bloom, Kleinsasser, Schwab, and others comprise the theoretical component. The second half of the course is dedicated to the selection, application, and integration of formal and informal assessment strategies and tools. A final project requires students to design an assessment tool appropriate for their academic area and age level. Instructional strategies include case studies, class discussions, student presentations, and research reviews.

Term:

Offered Fall Term

- **EDUC-424 Global Issues and Trends in American Education**

Credits:

4.00

Description:

Examines major current issues of educational policy against the background of demographic trends, technological innovations, standardized testing, and curricular shifts.

Term:

Occasional

- EDUC-510 Independent Study

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Members of the Department will meet with students to direct their research in areas of special interest to them. Projects of this sort will be authorized only in unusual circumstances upon the recommendations of the Department Chairperson and with the approval of the Dean. Offered by arrangement only.



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English

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- [Major Requirements](#)
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- [English Courses](#)

Major Requirements with Concentration Requirements: 11 courses, 41 credits

Major Requirements: 6 courses, 21 credits

Professional Development Requirement (1 course, 1 credit)

- CAS-201 College to Career: Explore Your Options And Find Your Path

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

Literary History Surveys Requirement (4 courses, 16 credits)

- **ENG-213 English Literature I**

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-214 English Literature II**

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-217 American Literature I**

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-218 American Literature II**

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

Diverse Literature Requirement (1 course, 4 credits)

The Diverse Literature requirement broadens a major's exposure to the growing historical and contemporary importance of voices outside the traditional Anglophone literary canon as constructed in English studies.

Choose one of the following:

- **ENG-347 20th Century Female Gothic**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course focuses on Gothic literature by women writers, from its origins in the 18th century to the present, focusing primarily on 20th century writers. The novels, short stories, and films we will discuss involve haunted houses, secret chambers, madness, and other Gothic tropes. Writers to be studied will include Charlotte Bronte, Daphne du Maurier, Shirley Jackson, Jean Rhys, Angela Carter, and others.

- **ENG-352 Global American Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Explores American and African American literature in the context of cosmopolitan thought and revolutionary action. This course considers how writers balance their interest in building a national culture with their desire for global adventure and their concern for matters of race, gender, politics, and civil rights that transcend their time and place. Includes readings from the nineteenth and twentieth centuries as well as a contemporary American journalist's memoir about life in the Middle East.

Term:

Occasional

- **ENG-357 African-American Literature I**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

African-American writing from the beginning through the present. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **ENG-362 Asian American Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

Asian Studies

- **ENG-387 Writing Women**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course studies 19th and 20th century women writers and questions the type of women who write, what they write about, and why they write. Themes we examine include domesticity, assimilation, and madness. Authors studied in the past have included Edith Wharton, Willa Cather, Anzia Yezierska, Nella Larsen, and Sylvia Plath. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **ENG-392 Readings in Post-Colonial Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An Exploration of Post-colonial literature and how the empire writes back following the collapse of European colonialism. Special emphasis will be placed on the legacy of British Colonial rule and the contemporary use of literature and the English Language to both resist and problematize Eurocentric cultural assumptions. Authors studied will include E.M. Foster, Salman Rushdie, J.M. Coetzee, Anita Desai, Hanif Kureishi, and Zadie Smith, among others. Students will be introduced to Post-colonial critical theory and view film adaptations of literary texts.

Term:

Occasional

- **ENG-399 Irish Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Writers of the Irish Literary Revival, from the 1890s to the 1930s. Readings from Yeats, Joyce, Synge, O'Casey, and O'Flaherty. The influence of Anglo-Irish history on Irish writers. Normally offered every third year.

Term:

Occasional

- **ENG-409 Literary Bloomsbury: Woolf and Forster**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This class will engage with the major novels and selected literary writings of two of the twentieth century's most important modernist voices, Virginia Woolf and E.M. Forster. We will approach their writings within the intellectual framework of British modernism and the cultural context of the Bloomsbury Group out of which they emerged. Special attention will be paid to their theoretical writings on fiction as well as their respective contributions to feminism and queer theory. The class will also view cinematic adaptations of certain novels and discuss how these films have contributed to the enduring appeal and status of these texts as classics of twentieth-century fiction.

Term:

Occasional

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Concentration Requirements: 5 courses, 20 credits

Seminar Requirement (1 course, 4 credits)

- ENG-301 Literary Criticism Seminar

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course seeks to answer the following questions. What is literature? Why do we study literature? What methods aid the study of literature? What are English Studies all about? This course extends reading and writing skills, and provides more specialized terms, knowledge, and approaches to prepare students for study at the junior and senior level. Topics vary from term to term. Student must have completed 80 credits or less Normally offered Fall and Spring semesters.

Term:

Offered Both Fall and Spring

Literature Before 1900 Requirement (1 course, 4 credits)

A required upper level Literature Before 1900 course ensures majors read, analyze, and interpret older texts in order to enhance their knowledge of the foundations of literary history.

Choose one of the following:

- **ENG-311 Medieval Literature Survey**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to medieval literature, this course will focus on short readings from various genres, such as the lyric, chronicle, fable, with emphasis on the romance. The culmination of the course is a drama segment in which students can participate in a performance.

Term:

Occasional

- **ENG-323 Chaucer**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Close reading and discussion of the Canterbury Tales and Troilus and Criseyde against the background of the late Middle Ages. Normally offered alternate years.

Term:

Occasional

- **ENG-324 Shakespeare's Comedies**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Shakespeare's background and development as a dramatist through an examination of selected comedies. Collateral reading of the minor plays and Shakespeare criticism. Normally offered every third semester.

Term:

Occasional

- **ENG-325 Shakespeare's Histories**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Shakespeare's English and Roman history plays. Emphasis on Shakespeare's use of his sources and the plays in performance. Normally offered every third semester.

Term:

Occasional

- **ENG-326 Shakespeare's Tragedies**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Shakespeare's major tragedies reflecting the range, resourcefulness, and power of his dramaturgy. Collateral reading in Shakespeare criticism. Normally offered every third semester.

Term:

Occasional

- **ENG-334 17th Century Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Representative selections of seventeenth-century poetry and prose, including Behn, Burton, Donne Drayton, Dryden, Jonson, Milton, Pepys, Wroth, and others. Normally offered alternate years.

Term:

Occasional

- **ENG-337 18th Century English Novel**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

The beginnings of the realistic novel including the works of Defoe, Richardson, Fielding, Smollet, and Burney and considering the sentimental novel (Sterne) and the gothic novel (Walpole and Radcliffe). Normally offered alternate years.

- **ENG-343 19th Century English Novel**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Development of the Romantic and Victorian novel. Readings in major works of the Brontes, Dickens, Thackeray, Austen, Eliot and Hardy. Normally offered alternate years.

Term:

Occasional

- **ENG-344 English Romantic Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

The mind and spirit, poetics and poetry of Wordsworth, Coleridge, Byron, Shelley and Keats, along with selected prose. Normally offered alternate years.

Term:

Occasional

- **ENG-348 Jane Austen**

Prerequisites:

Take WRI-102 or WRI-H103

Credits:

3.00

Description:

Introduces Jane Austen's major novels, including *Pride and Prejudice* and *Mansfield Park*, along with relevant current scholarship and contextualizing historical material. Contemporary parodies, updates, and film adaptations of Austen's work will also be considered. Topics to include the history of the novel, gender and authorship, and narrative theory.

- **ENG-356 Whitman and Dickinson**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An investigation of the lives and works of two of nineteenth-century America's greatest and most original poets. Topics will include types of poetic language and formal structure, the work of the poetic imagination in transforming observations of the world into art, and the ways in which poets process the idea of death and the reality of war. Finally, this course examines Whitman and Dickinson's impact on American popular culture as well as on the writings of modern poets and literary critics.

Term:

Occasional

Electives (3 courses, 12 credits)

Choose two ENG electives at the 300-level or above.

Choose one elective from any ENG course numbered above 104.

Note: The Seminar for Freshmen may satisfy one of the electives at the discretion of the department.



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Concentration Requirements: 5 courses, 20 credits

Seminar Requirement (1 course, 4 credits)

- ENG-212 Introduction to Creative Writing

Credits:

4.00

Description:

A study of the major genres in creative writing (poetry, fiction, and creative nonfiction) in which students will read as writers. Students will write a combination of analytical and original works, and learn the format and processes of writing workshops of writing workshops. Offered every semester.

Creative Writing Workshops Requirement (3 courses, 12 credits)

Students will take at least three creative writing workshops in two different genres.

Choose at least two (one workshop may repeat):

- **ENG-370 Fiction Writing Workshop I**

Prerequisites:

ENG-212

Credits:

4.00

Description:

An intensive workshop in which the student will be required to write original fiction. The focus of the course will be on the student's own work, submitted on a weekly basis. The course will also provide the student writer with practical experience in matters of plot, character, dialogue, structure, etc. Normally offered annually.

Term:

Alternates Fall & Spring

- **ENG-371 Creative Non-Fiction Workshop**

Prerequisites:

ENG-212

Credits:

4.00

Description:

For students interested in writing autobiography and/or other forms of the personal essay. Topics can include childhood, place, sexuality, religion, work, the nature of memory. The focus will be on the writing process, with students presenting work-in-progress to the class for discussion and revision. The student should plan to read models of creative non-fiction. Normally offered annually.

Term:

Occasional

• ENG-375 Poetry Writing Workshop I

Prerequisites:

ENG-212

Credits:

4.00

Description:

An intensive workshop course in which the student will be required to write original poetry for each class meeting. The focus of the course will be on the student's own work. We will examine the highly individual processes of composition and revision, and the methods writers use to keep their own practice of poetry alive and well. We will also examine as many of the constituent elements of poetry as possible, from image and rhythm to line and structure. Normally offered annually.

Term:

Offered Both Fall and Spring

Elective (1 course, 4 credits)

Choose one elective at the 300-level or above.



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Minor Requirements: 5 courses, 20 credits

Literary History Surveys Requirement (2 courses, 8 credits)

Choose one of the following:

- ENG-213 English Literature I

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-214 English Literature II**

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

Choose one of the following:

- **ENG-217 American Literature I**

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

• **ENG-218 American Literature II**

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

Electives (3 courses, 12 credits)

Choose three English courses numbered above 104. At least two of these three electives must be at the upper-level (numbered 300 or above).

Note: The Seminar for Freshmen may satisfy one of the electives at the discretion of the department.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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English

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To be considered for honors in English, a student must satisfy the following criteria:

1. Students interested in honors should consult with the English department honors coordinator in the sophomore or junior year. Qualifying students must have a GPA of 3.5 or higher in English.
2. Honors students must complete ENG-301 and eight Honors credits in English, four credits of which are in addition to the major requirement of 36 credits. These eight credits would normally include one Honors Seminar and one Independent Study (ENG-510), wherein a student produces a major project under the direction of an advisor of his or her choice.
3. Honors students should register for one credit of ENG-510 (normally in the fall semester of the senior year), and for three credits of ENG-510 (normally in the spring semester of the senior year). Any student who completes ENG-510 will receive credit for the course; for achievement of honors

- in English, projects completed in ENG-510 must also be approved by the English department.
4. Honors students must complete their coursework in English with a GPA of 3.5 or higher.
 5. In special circumstances (for example in the case of transfer students), exceptions to the requirements above will be considered.

- **ENG-301 Literary Criticism Seminar**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course seeks to answer the following questions. What is literature? Why do we study literature? What methods aid the study of literature? What are English Studies all about? This course extends reading and writing skills, and provides more specialized terms, knowledge, and approaches to prepare students for study at the junior and senior level. Topics vary from term to term. Student must have completed 80 credits or less Normally offered Fall and Spring semesters.

Term:

Offered Both Fall and Spring

- **ENG-510 Independent Study**

Prerequisites:

WRI-102 or WRI-H103

Credits:

1.00- 4.00

Description:

By special arrangement, a junior or senior may pursue an independent research project under the supervision of a faculty member. Consent of instructor and chairperson required. Offered every semester.

Term:

Offered Both Fall and Spring



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Sigma Tau Delta International Honor Society

Sigma Tau Delta, a member of the Association of College Honor Societies (ACHS), established its Eta Upsilon Chapter at Suffolk University in January 1986. Active membership is open to both English majors and English minors who have completed a minimum of two college courses in English language or literature (beyond the First Year Writing requirement and sophomore English requirement) with an average of 3.5, plus a general cumulative average of 3.0. Associate membership is open to students who have the requisite academic background (as stipulated above for active membership) but who are not majoring or minoring in English. In addition to conferring distinction for high achievement in English language and literature and exhibiting high standards of academic excellence through its chapters, Sigma Tau Delta promotes and emphasizes the discipline of English in all its aspects, including creative and critical writing, by inviting both active and associate members to contribute to its national publication, *The Rectangle*. All inducted members remain permanently on the roster of the Eta Upsilon Chapter.



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• ENG-095 Developmental English Skills I

Credits:

4.00

Description:

This course is appropriate for native English speakers as well as non-native English speakers with a high level of oral fluency, but a need to improve English reading and writing skills for an academic setting. The course provides students with opportunities for and guidance in the development of

Academic English writing. Class activities focus on aiding students in improving their academic English reading and writing skills to the proficiency levels required by the University. Particular emphasis is placed on the importance of planning, organizing and revising essays, as well as learning how to analyze, summarize, and cite an author's ideas and words. Offered in the Fall, Spring, and Summer Session I semesters. Course is enrolled by placement or instructor consent only.

- **ENG-096 Developmental English Skills II**

Credits:

4.00

Description:

A continuation of ENG 095, this course provides opportunities to both native and non-native English speakers for further development of Academic English proficiency. Class activities focus on aiding students in improving their academic English reading and writing skills to the proficiency levels required by the University. Particular emphasis is placed on the importance of planning, organizing and revising essays, as well as learning how to analyze, summarize, and cite an author's ideas and words. Offered on the Madrid Campus only.

- **ENG-098 ESL Reading/Writing I**

Credits:

4.00

Description:

Utilizing a freshman-level English textbook and materials from the content courses, this course furnishes students with active reading strategies and the conventions of academic writing that will be applicable to their collegiate course work. Students will develop the analytical skills necessary for academic success by producing in-class and take-home essays, participating in debates, and giving oral presentations. Students will be required to work with a course management program and to utilize technology effectively in their writing. The skills obtained in these courses will allow students to participate comfortably in their mainstream college classes.

- **ENG-099 ESL Reading/Writing II**

Credits:

4.00

Description:

A continuation of ENG 098, this course further furnishes students with active reading strategies and the conventions of academic writing that will be applicable to their collegiate course work. Students will develop the analytical skills necessary for academic success by producing in-class and take-home essays, participating in debates, and giving oral presentations. Students will be required to work with a course management program and to utilize technology effectively in their writing. The skills obtained in these courses will allow students to participate comfortably in their mainstream college classes.

- **ENG-101 Freshman English I**

Credits:

4.00

Description:

This course studies persuasive and expository writing in the essay form through frequent writing assignments based on critical readings of class texts and discussions. Students will also compose a research paper and study the process of writing and revising for an academic audience. Offered every semester.

Term:

Offered Both Fall and Spring

- **ENG-102 Freshman English II**

Prerequisites:

ENG 100 or ENG101 or ENG 103

Credits:

4.00

Description:

Further study of persuasive and expository writing through the study of literary form with emphasis placed on critical reading and the revision of academic writing.

Term:

Offered Both Fall and Spring

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Studies in Literature

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Studies in Literature

- **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **ENG-124 Great Books of the World II**

Credits:

4.00

Description:

This course will introduce students to a selection of Great Books from around the world from the 17th century to the 21st, such as Don Quixote (Spain), Madame Bovary (France), The Communist Manifesto (Germany), The Origin of Species (England), War and Peace (Russia), On Dreams (Austria), Night (Hungary), Things Fall Apart (Nigeria), Satyagraha (India), I Am Prepared to Die (South Africa), Saeed the Pessoptomist (Israel), The Rouge of the North (China), and The House of Spirits (Chile). Readings may vary at the discretion of the instructor.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **ENG-130 Introduction to Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-135 World Literature in English**

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-H135 World Literature in English**

Prerequisites:

WRI-102 or WRI-103. 3.3 GPA or Honors student

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Honors

- **ENG-141 Studies in British Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama from the British literary tradition, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-142 Studies in American Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama from the American literary tradition, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

- **ENG-151 Introduction to African-American Literature**

Credits:

4.00

Description:

Literature has the capacity to record and interrogate history in an imaginative and artistic context. African-American literature is a rich, varied, and complex body of literature that faces our tainted history directly. The authors we will read in this class examine slavery's long-term psychological and social effects while forging a literary history that is at once a part of and apart from American literary history more generally.

Type:

Studies in Literature

- **ENG-152 Horror Fiction**

Credits:

4.00

Description:

This course focuses on the reading and analysis of horror literature and the ways in which horror reflects and represents personal and cultural anxieties. Readings will include both classic and contemporary authors, for example, Edgar Allan Poe, H.P. Lovecraft, Shirley Jackson, Stephen King, and others. Assignments will include analytical essays as well as creative writing.

Type:

Studies in Literature

- **ENG-153 Literature of War**

Credits:

4.00

Type:

Studies in Literature

- **ENG-155 Young Adult Literature**

Credits:

4.00

Description:

Young Adult Literature's recent explosion in popularity raises important questions about the stories it tells, the values it promotes, and the audiences it seeks. This course approaches the YA phenomenon as one with deep historical roots as well as contemporary cultural relevance. From nineteenth century classics to current series favorites, literary works focused on young people reframe perennially fresh narratives about coming of age, negotiating personal identity, and navigating a complex moral universe. This course also considers YA literature as part of an evolving network of writers, readers, publishers, critics and filmmakers.

- **ENG-157 Poetry and Religion**

Credits:

4.00

Description:

This course will use close readings to examine poetry as a heightened form of language seeking to make contact with divine sources of faith. We will consider poems that provide examples of the struggle to attain belief, as well as poems that deny belief. Language as both the grammar of ascent and the locus of descent. The position of human beings in relation to God, or the gods, or the absence of the divine.

Type:

Studies in Literature, Classics Minor

- **ENG-161 Writing the American West**

Credits:

4.00

Description:

In 1893, Frederick Jackson Turner famously declared that the American frontier (i.e., the West) had closed for good. To a certain extent, Jackson's proclamation was meant to demarcate the end of the 19th century. But perhaps more importantly, it marks the beginning of a distinctly American literature that began, ironically, by mourning its own demise. In this course, we will journey among some of the more significant signposts and detours that have marked Western U.S. literature in the 20th Century. Along the way, we will question just where, exactly, the West begins and ends (The Mississippi River? The Great Plains? The Rockies?), and think about whether or not Turner's frontier thesis continues to hold true (if it ever did). We will consider whether the broad rubric of The West is adequate to describe the various sub-regions within this portion of the United States, and we'll examine the genres which seem as if they could not have happened anywhere else. We will also interrogate differences in the literature across gender lines: how, if at all, does the literature written by men and by women differ? Above all, we will strive to come away with a deeper understanding of this vitally American, and vitally Wild literary place.

Type:

Studies in Literature

- **ENG-212 Introduction to Creative Writing**

Credits:

4.00

Description:

A study of the major genres in creative writing (poetry, fiction, and creative nonfiction) in which students will read as writers. Students will write a combination of analytical and original works, and learn the format and processes of writing workshops of writing workshops. Offered every semester.

- **ENG-213 English Literature I**

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-214 English Literature II**

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

- **ENG-217 American Literature I**

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-218 American Literature II**

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-H218 American Literature II**

Prerequisites:

WRI-102 or WRI-103

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Type:

Honors

- **ENG-266 Mad Men: Reading Visual Narratives**

Credits:

4.00

Description:

This course will focus on the cultural phenomenon of the TV Series Mad Men, considered by many to be the foremost example of Quality TV produced during the so-called golden age of television and engage with it on visual, cultural, literary and filmic levels. The basic premise of the course is that the current practice of binge watching one's favorite shows should be a heightened experience rather than a guilty pleasure, one akin to reading a novel. Watching a complex and sophisticated TV narrative involves taking into account the viewer's positionality as a filmic consumer, textual critic and social commentator. The class will consider various theoretical approaches to television narrative, beginning with ideas gleaned from the discourse of visual literacy, and proceed by applying textual analysis adapted from the more traditional modes of literary studies and film analysis. A combination of critical and evaluative sources will be examined, including book-length studies of the series, individual essays based on the series' appeal to style, American popular culture, advertising, gender roles, race, and 60s nostalgia. Additionally, the recent phenomenon of the series recap will serve as the touchstone to the class's collective viewing of the series and students will be challenged to synthesize and assess these popular on-line critiques as they draft their own recaps and creative readings of the episodes. The entire first two seasons of Mad Men will be studied and the invaluable resource of director/producer commentaries will be incorporated into the study of the series with a view to acquiring critical insights and analytical skills that may be applied to other quality TV series that students currently enjoy watching.

- **ENG-H266 Mad Men: Reading Visual Narratives**

Prerequisites:

Restricted to CAS Honor Students

Credits:

4.00

Description:

This course will focus on the cultural phenomenon of the TV Series Mad Men, considered by many to be the foremost example of Quality TV produced during the so-called golden age of television and engage with it on visual, cultural, literary and filmic levels. The basic premise of the course is that the current practice of binge watching one's favorite shows should be a heightened experience rather than a guilty pleasure, one akin to reading a novel. Watching a complex and sophisticated TV narrative involves taking into account the viewer's positionality as a filmic consumer, textual critic and social commentator. The class will consider various theoretical approaches to television narrative, beginning with ideas gleaned from the discourse of visual literacy, and proceed by applying textual analysis adapted from the more traditional modes of literary studies and film analysis. A combination of critical and evaluative sources will be examined, including book-length studies of the series, individual essays based on the series' appeal to style, American popular culture, advertising, gender roles, race, and 60s nostalgia. Additionally, the recent phenomenon of the series recap will serve as the touchstone to the class's collective viewing of the series and students will be challenged to synthesize and assess these popular on-line critiques as they draft their own recaps and creative readings of the episodes. The entire first two seasons of Mad Men will be studied and the invaluable resource of director/producer commentaries will be incorporated into the study of the series with a view to acquiring critical insights and analytical skills that may be applied to other quality TV series that students currently enjoy watching.

Type:

Honors

- **ENG-301 Literary Criticism Seminar**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course seeks to answer the following questions. What is literature? Why do we study literature? What methods aid the study of literature? What are English Studies all about? This course extends reading and writing skills, and provides more specialized terms, knowledge, and approaches to prepare students for study at the junior and senior level. Topics vary from term to term. Student must have completed 80 credits or less Normally offered Fall and Spring semesters.

Term:

Offered Both Fall and Spring

- **ENG-311 Medieval Literature Survey**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to medieval literature, this course will focus on short readings from various genres, such as the lyric, chronicle, fable, with emphasis on the romance. The culmination of the course is a drama segment in which students can participate in a performance.

Term:

Occasional

- **ENG-312 English Grammar and Usage**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course provides a thorough review and analysis of the rules of standard English grammar and usage, including the debate between prescriptive and descriptive grammar, the origin and authority of the rules taught in school and in handbooks of English, and the insights of modern linguistics. Normally offered alternate years

Term:

Occasional

- **ENG-316 Fifth Century Athens**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to Periclean Athens, the golden age of classical Greek literature and thought. Close readings of selections from the historians Herodotus and Thucydides, the dramatists Aeschylus and Euripides, the poetry of Pindar, and Plato's great work on politics, *The Republic*. Cross-listed with History 336.

Term:

Occasional

Type:

Classics Minor

- **ENG-317 Classical Mythology**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Ancient Greek and Roman myths, their motifs, themes and interpretations. Normally offered every third year.

Type:

Classics Minor

- **ENG-320 Writing and Tutoring: Theory and Practice I**

Prerequisites:

WRI-102 or WRI-H103

Credits:

1.00

Description:

This course serves as the vehicle for training students who have been hired as writing tutors at CLAS. Students will be trained a one-on-one basis and will discuss a tutoring experience they have had in CLAS the previous week each class.

- **ENG-321 Writing and Tutoring: Theory and Practice II**

Prerequisites:

WRI-102 or WRI-H103

Credits:

1.00

Description:

This course is a continuation of ENG 320. This course serves as the vehicle for training students who have been hired as writing tutors at CLAS. Students will be trained a one-on-one basis and will discuss a tutoring experience they have had in CLAS the previous week each class.

- **ENG-323 Chaucer**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Close reading and discussion of the Canterbury Tales and Troilus and Criseyde against the background of the late Middle Ages. Normally offered alternate years.

Term:

Occasional

- **ENG-324 Shakespeare's Comedies**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Shakespeare's background and development as a dramatist through an examination of selected comedies. Collateral reading of the minor plays and Shakespeare criticism. Normally offered every third semester.

Term:

Occasional

- **ENG-325 Shakespeare's Histories**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Shakespeare's English and Roman history plays. Emphasis on Shakespeare's use of his sources and the plays in performance. Normally offered every third semester.

Term:

Occasional

- **ENG-E325 Service Learning Component**

Credits:

0.00

Description:

Service Learning Component

- **ENG-326 Shakespeare's Tragedies**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Shakespeare's major tragedies reflecting the range, resourcefulness, and power of his dramaturgy. Collateral reading in Shakespeare criticism. Normally offered every third semester.

Term:

Occasional

- **ENG-334 17th Century Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Representative selections of seventeenth-century poetry and prose, including Behn, Burton, Donne, Drayton, Dryden, Jonson, Milton, Pepys, Wroth, and others. Normally offered alternate years.

Term:

Occasional

- **ENG-337 18th Century English Novel**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

The beginnings of the realistic novel including the works of Defoe, Richardson, Fielding, Smollet, and Burney and considering the sentimental novel (Sterne) and the gothic novel (Walpole and Radcliffe). Normally offered alternate years.

- **ENG-343 19th Century English Novel**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Development of the Romantic and Victorian novel. Readings in major works of the Brontes, Dickens, Thackeray, Austen, Eliot and Hardy. Normally offered alternate years.

Term:

Occasional

- **ENG-344 English Romantic Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

The mind and spirit, poetics and poetry of Wordsworth, Coleridge, Byron, Shelley and Keats, along with selected prose. Normally offered alternate years.

Term:

Occasional

- **ENG-347 20th Century Female Gothic**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course focuses on Gothic literature by women writers, from its origins in the 18th century to the present, focusing primarily on 20th century writers. The novels, short stories, and films we will discuss involve haunted houses, secret chambers, madness, and other Gothic tropes. Writers to be studied will include Charlotte Bronte, Daphne du Maurier, Shirley Jackson, Jean Rhys, Angela Carter, and others.

- **ENG-348 Jane Austen**

Prerequisites:

Take WRI-102 or WRI-H103

Credits:

3.00

Description:

Introduces Jane Austen's major novels, including *Pride and Prejudice* and *Mansfield Park*, along with relevant current scholarship and contextualizing historical material. Contemporary parodies, updates, and film adaptations of Austen's work will also be considered. Topics to include the history of the novel, gender and authorship, and narrative theory.

- **ENG-352 Global American Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Explores American and African American literature in the context of cosmopolitan thought and revolutionary action. This course considers how writers balance their interest in building a national culture with their desire for global adventure and their concern for matters of race, gender, politics, and civil rights that transcend their time and place. Includes readings from the nineteenth and twentieth centuries as well as a contemporary American journalist's memoir about life in the Middle East.

Term:

Occasional

- **ENG-353 Dwelling in American Realism**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

In-depth exploration of American Realism from the post-Civil War era to the pre-WWI era (roughly 1875 to 1915). Particular emphasis is given to the role of houses and material and consumer culture in the forging of American identity. Authors may include Howells, Twain, James and Wharton among others. Normally offered alternate years. Students will also visit authors' houses in the Boston area. This course requires prior approval in order to count towards the Women's and Gender Studies Minor. Students should consult with the instructor and the director of the WGS Minor no later than the first week of classes.

Term:

Occasional

- **ENG-355 American Prose 1870 - 1920**

Prerequisites:

WRI-H103 (WRI-H103 requires a minimum grade of B+) or WRI-102

Credits:

4.00

Description:

The revolution in American literary consciousness between the Civil War and the First World War, and the transition from the traditional to the modern, in the work of Mark Twain, Henry James, Stephen Crane, Theodore Dreiser, and others. Normally offered alternate years.

Term:

Occasional

- **ENG-356 Whitman and Dickinson**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An investigation of the lives and works of two of nineteenth-century America's greatest and most original poets. Topics will include types of poetic language and formal structure, the work of the poetic imagination in transforming observations of the world into art, and the ways in which poets process the idea of death and the reality of war. Finally, this course examines Whitman and Dickinson's impact on American popular culture as well as on the writings of modern poets and literary critics.

Term:

Occasional

- **ENG-357 African-American Literature I**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

African-American writing from the beginning through the present. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **ENG-360 Mid-20th Century American Fiction 1950-1975**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

The course will cover major works of American fiction from the period between World War II and the end of the American war in Vietnam. The course will consider fiction from the Beat Generation, New Journalism, the Black Arts Movement, and postmodernism as well as major writers who aren't easily classified. Possible authors include Ellison, Kerouac, O'Connor, McCarthy, Cheever, Roth, Updike, Didion, Mailer, Bellow, Bambara, Barth, and Pynchon.

Term:

Occasional

- **ENG-362 Asian American Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

- **ENG-363 Modern British Poetry**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Yeats, Eliot, Auden, Dylan Thomas, Philip Larkin, Seamus Heaney and Ted Hughes and the considerable achievements of other poets from WWI to the present, including the influences of the Georgians, the imagists and the new poets. Verse drama will also be considered.

Term:

Occasional

- **ENG-368 Modern British Drama**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Important playwrights and their productions: Wilde, Shaw, Galsworthy, Maugham, Synge, O'Casey, Coward, Osborne, Pinter, Beckett, Stoppard, Keatley, and others. Topics: "The New Woman," "Bright Young Things," "Angry Young Men," and more. Normally offered every third year.

Term:

Occasional

- **ENG-369 Modern American Drama**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Study of plays and productions from the late 19th century to the present. Playwrights included: Moody, Herne, Sheldon, O'Neill, Glaspell, Crothers, Treadwell, Sherwood, Kaufman and Hart, Saroyan, Odets. Williams, Miller, Albee, Mamet, among others. Significant performers, directors, theatre critics, Broadway culture, and popular theatre provide context.

Term:

Occasional

- **ENG-370 Fiction Writing Workshop I**

Prerequisites:

ENG-212

Credits:

4.00

Description:

An intensive workshop in which the student will be required to write original fiction. The focus of the course will be on the student's own work, submitted on a weekly basis. The course will also provide the student writer with practical experience in matters of plot, character, dialogue, structure, etc. Normally offered annually.

Term:

Alternates Fall & Spring

- **ENG-371 Creative Non-Fiction Workshop**

Prerequisites:

ENG-212

Credits:

4.00

Description:

For students interested in writing autobiography and/or other forms of the personal essay. Topics can include childhood, place, sexuality, religion, work, the nature of memory. The focus will be on the writing process, with students presenting work-in-progress to the class for discussion and revision. The student should plan to read models of creative non-fiction. Normally offered annually.

Term:

Occasional

- **ENG-374 Drama Seminar**

Prerequisites:

WRI-102 or WRI-H103 with a minimum grade of B+

Credits:

4.00

Description:

Discussion and presentations on a pre-announced subject: a major playwright, a dramatic movement or genre, or the relation between script and performance. Normally offered every third year.

Term:

Occasional

- **ENG-375 Poetry Writing Workshop I**

Prerequisites:

ENG-212

Credits:

4.00

Description:

An intensive workshop course in which the student will be required to write original poetry for each class meeting. The focus of the course will be on the student's own work. We will examine the highly individual processes of composition and revision, and the methods writers use to keep their own practice of poetry alive and well. We will also examine as many of the constituent elements of poetry as possible, from image and rhythm to line and structure. Normally offered annually.

Term:

Offered Both Fall and Spring

- **ENG-376 Literary Publishing**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

- **ENG-387 Writing Women**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course studies 19th and 20th century women writers and questions the type of women who write, what they write about, and why they write. Themes we examine include domesticity, assimilation, and madness. Authors studied in the past have included Edith Wharton, Willa Cather, Anzia

Yeziarska, Nella Larsen, and Sylvia Plath. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **ENG-388 Utopias and Dystopias**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course follows the spirit of utopian experimentation as it travels through the linguistic patterns and imaginative conditions of brave new worlds in literature. We will consider how utopian thinking allows writers to take creative license with political systems, social relations, gender roles, and racial identities, and to blur dividing lines between nature, technology, and culture as well as between Earth and the cosmos. Our readings will balance such foundational texts as Plato's Republic and More's Utopia with revolutionary works from the nineteenth through the twenty-first centuries, and conjure utopian dreams as well as dystopian worlds gone wrong. Selected works of literary criticism and films will also be included.

- **ENG-390 Writing Process and Revision**

Prerequisites:

Any ENG course except for WRI-101

Credits:

4.00

Description:

This course studies the expressive and cognitive approaches to the writing process through personal journal writing, metaphor use and a review of grammar and stylistics. Written assignments emphasize discovery and invention as well as the revising of academic prose. Normally offered every other year.

Term:

Occasional

- **ENG-392 Readings in Post-Colonial Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An Exploration of Post-colonial literature and how the empire writes back following the collapse of European colonialism. Special emphasis will be placed on the legacy of British Colonial rule and the contemporary use of literature and the English Language to both resist and problematize Eurocentric cultural assumptions. Authors studied will include E.M. Foster, Salman Rushdie, J.M. Coetzee, Anita Desai, Hanif Kureishi, and Zadie Smith, among others. Students will be introduced to Post-colonial critical theory and view film adaptations of literary texts.

Term:

Occasional

- **ENG-394 Critical Prose**

Prerequisites:

WRI-102 or WRI-H103 with a minimum grade of B+

Credits:

4.00

Description:

This course studies both the literary and rhetorical modes of expository essay writing. Readings will focus on the craft of writing, the art of revision and reflections on the reader-writer relationship. Students will be asked to analyze prose passages, compose critical essays and work in peer groups. Normally offered alternate years.

Term:

Occasional

- **ENG-395 Rhetoric and Memoir**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course examines the rhetoric of memoirs written primarily by international figures who seek to use personal stories to shape readers' perspectives on political issues. After a brief introduction to rhetorical theory and to the genre of memoir, this course will examine contemporary memoirs that address such issues as racism, sexism, religious extremism, war, and genocide.

Term:

Occasional

- **ENG-396 Varieties of Workplace Writing**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course studies a variety of workplace writing including summaries, memos, letters, directions, descriptions, reports and other technical and professional documents. Students may be required to complete certain assignments in collaborative teams. Document design and layout will also be emphasized. Normally offered alternate years

Term:

Occasional

- **ENG-398 Boston: a City in Fiction**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Boston in novels from its beginning to the present: plan of the city, architecture, population, social classes, politics and human problems. Hawthorne, James, Howells, Jean Stafford, Edwin O'Connor, Dorothy West, and others.

Term:

Occasional

- **ENG-399 Irish Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Writers of the Irish Literary Revival, from the 1890s to the 1930s. Readings from Yeats, Joyce, Synge, O'Casey, and O'Flaherty. The influence of Anglo-Irish history on Irish writers. Normally offered every third year.

Term:

Occasional

- **ENG-407 Literary Theory**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

A seminar on current approaches to the interpretation of literature, including psychoanalysis, deconstruction and feminist criticism. Students will experiment with making use of theory in analyzing selected literary texts.

Term:

Occasional

• **ENG-408 Modern Greek Literature in English Translation**

Prerequisites:

WRI-102 or WRI-H103 with a minimum grade of B+

Credits:

4.00

Description:

A survey of writings in Modern Greek from 1821 to the present exploring Hellenism and the Greek cultural identity. Authors studied will include Kostis Palamas, Georgios Vizyinos, Alexandros Papadiamantis, Stratis Myrivilis, Photis Kontoglou, Dido Sotiriou, George Seferis, Constantine Cavafy, and Odysseas Elytis. A section of the syllabus will be reserved for the Greek-American/diaspora writers Helen Papanikolas, Elia Kazan, Jeffrey Eugenides, Olga Broumas, and Tryfon Tolides. Films and music traditions will be sampled as well.

Type:

Classics Minor

• **ENG-409 Literary Bloomsbury: Woolf and Forster**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This class will engage with the major novels and selected literary writings of two of the twentieth century's most important modernist voices, Virginia Woolf and E.M. Forster. We will approach their writings within the intellectual framework of British modernism and the cultural context of the Bloomsbury Group out of which they emerged. Special attention will be paid to their theoretical writings on fiction as well as their respective contributions to feminism and queer theory. The class will also view cinematic adaptations of certain novels and discuss how these films have contributed to the enduring appeal and status of these texts as classics of twentieth-century fiction.

Term:

Occasional

- **ENG-410 From Pagan Reason to Christian Revelation**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

A survey of major works of literature and thought crucial to the transformation of pagan models of reason to Christian systems of belief, including works by Plato and Plotinus, St. Augustine and Dante. Of central concern is the changing conception of love, from Eros to Agape. Note: This course is cross-listed with HST 339.

Term:

Occasional

Type:

Classics Minor

- **ENG-421 Special Topics in Group 1: Approaches To English Studies**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 1 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-422 Special Topics in Group 2: Genre and Backgrounds**

Prerequisites:

Any 200-level English course

Credits:

4.00

Description:

A course that fits Group 2 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-424 Special Topics in Group 4: Literary History II : 1700-1900, American or British**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

A course that fits Group 4 of the English major requirements with varying subject matter. A interdisciplinary offering that features the writing of three of the late 19th century's greatest minds: Henry, the novelist who wrote *The Portrait of a Lady*, *Daisy Miller*, and *The Turn of the Screw*; William, the philosopher and psychologist who wrote *Principles of Psychology* (1890) and *Varieties of Religious Experience* (1902); and Alice, their sister, who became a feminist icon through her remarkable diary. A selection of these works will be explored alongside a James family biography.

Term:

Occasional

- **ENG-425 Special Topics in Group 5: Literary History III: 1900- Present American, British, Or World**

Prerequisites:

Any 200-level English course

Credits:

4.00

Description:

A course that fits Group 5 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-426 Virgil's Eclogues**

Prerequisites:

Any 200-level English course

Credits:

1.00

Description:

A study of these poems by the Roman poet with a focus on the issues of translation.

Term:

Occasional

- **ENG-428 Virgil's Aeneid: First Three Books**

Prerequisites:

Any 200-level English course

Credits:

1.00

Description:

A week by week reading of the Mesopotamian Epic that predates the Iliad by one thousand years, and is a masterpiece of heroic endurance and tragic insight. Discussions will be led by David Ferry, whose beautiful translation the class will use as text.

- **ENG-429 Classic Literature of the Underworld**

Prerequisites:

WRI-102 or WRI-H103

Credits:

1.00

Description:

This course will conduct close reading and discussion of selections from classical Greek and Roman texts, as well as from ancient Mesopotamian texts, highlighting passages that trace the descent to the underworld. Some of these readings include: the realm of the shades in Gilgamesh, the myth of Orpheus and Eurydice in Virgil, Homer's Odysseus and Achilles in Hades, the source of the River Styx in Pausanias.

- **ENG-430 Literature of the Vietnam War and the Post 9/11 Wars**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course will examine some of the fiction, non-fiction, and poetry produced in response to the Vietnam War and the most recent war in Iraq. In addition to comparing the literature that has emerged from these two very different wars, these texts will also be examined in relation to peace studies, a field in which there is an emerging consensus that literature and the arts must play a central role in examining questions of war and peace.

Term:

Occasional

- **ENG-432 Classical Greek and Roman Poetry**

Prerequisites:

Any 200 level ENG course.

Credits:

1.00

Description:

A close reading of verse passages from various texts of narrative and lyric poetry. In particular the Roman absorption of, and resistance to, their Greek literary inheritance will be stressed.

- **ENG-440 The Odes of Horace**

Prerequisites:

Any 200-level English course

Credits:

1.00

Description:

This course represents a journey through the poetry of Horace, contemporary of Virgil and celebrated poet of the Pax Romana. Discussions will be led by David Ferry, whose beautiful translation of Horace's poetry the class will use as text.

- **ENG-470 Fiction Workshop II**

Prerequisites:

Any 200-level English course

Credits:

4.00

Description:

An intensive practical examination of plot, narrative, characterization, and style in the writing of fiction and/or creative non-fiction. Particular attention will be devoted to group discussion of weekly student writing assignments. Normally offered alternate years.

Term:

Alternates Fall & Spring

- **ENG-471 Advanced Nonfiction Workshop**

Prerequisites:

Any 200-level English course

Credits:

4.00

Description:

n advanced course in non-fiction writing that focuses intensively on developing non-fiction through weekly group discussions of student writing. Particular attention will be devoted toward deepening and expanding the range of possibilities available to non-fiction writers. Topics can include childhood, place, sexuality, religion, work, the nature of memory. The focus will be on the writing process, with students presenting work-in-progress to the class for discussion and revision. Normally offered annually.

- **ENG-475 Poetry Workshop II**

Prerequisites:

Any 200-level English course

Credits:

4.00

Description:

An intensive workshop course in which the student will be required to write original poetry for each class meeting. The focus of the course will be on both the quantity and quality of the student's own work. There will also be specific assignments in the many formal elements of the art. Written self-evaluations will also be required. Normally offered in alternate years.

Term:

Offered Spring Term

- **ENG-476 Salamander Practicum**

Prerequisites:

Take ENG-212

Credits:

4.00

Description:

Salamander is a nationally known professional literary journal published from the Suffolk University English Department. In the Salamander Practicum course, students serve as first evaluators of submissions to the magazine, including poetry, fiction, and memoir. They will compare and discuss their evaluations and make recommendations to the editorial board and assist with magazine production, marketing, and event planning. Students will

study and write literary analyses of works included in Salamander and in other professional literary journals, such as Ploughshares, Agni, One Story, and the Harvard Review.

- **ENG-490 Imperial Rome**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course offers an introduction to the Golden Age of Roman culture and power. Close readings of selections from major historians, poets, political thinkers, and philosophers will be examined in the context of Augustan Rome. Topics such as pietas, virtus, and gravitas, as well as the competing claims of public duty and private devotion, stoic maxim and erotic love lyric, will be discussed from the perspectives of writers such as Virgil, Livy, Tacitus, Horace, Catullus, and Lucretius. Note: This course is cross-listed with HST 304. Normally offered in alternate years.

Type:

Classics Minor

- **ENG-510 Independent Study**

Prerequisites:

WRI-102 or WRI-H103

Credits:

1.00- 4.00

Description:

By special arrangement, a junior or senior may pursue an independent research project under the supervision of a faculty member. Consent of instructor and chairperson required. Offered every semester.

Term:

Offered Both Fall and Spring

- **ENG-514 Internship in English**

Prerequisites:

WRI-102 or WRI-H103

Credits:

2.00

Description:

Individualized guidance in a career-related activity. Upper-class English majors may gain academic credit for work preparing them for an English-related career, provided that the work is monitored by a member of the English faculty. Department approval is required.

Term:

Occasional

- **ENG-515 Salamander Internship**

Prerequisites:

WRI-102 or WRI-H103

Credits:

1.00

Description:

A semester-long internship working with the Editor and Managing Editor of Salamander Literary Magazine. Students will gain experience in editing, layout, and production of one of two annual editions of Salamander.

- **ENG-H523 Honors Seminar in Group 3: Literary History I: Medieval to Renaissance**

Prerequisites:

ENG 213, 214, 215, 216, 217 OR 218 Admission By Invitation Only

Credits:

4.00

Description:

Honors seminar that fulfills Group 3 of the English major.

Type:

Honors

- **ENG-H524 Honors Seminar in Group 4: Literary History II: 1700 - 1900, American Or British**

Prerequisites:

ENG-213, 214, 215, 216, 217 OR ENG 218 Admission by invitation only

Credits:

4.00

Description:

Honors seminar that fulfills Group I of the English major.

Type:

Honors

- **ENG-H525 Honors Seminar in Group 5 Literary History III: 1900 - Present American, British, Or World.**

Prerequisites:

ENG 213, 214, 215, 216, 217, or ENG 218; Invitation only

Credits:

4.00

Description:

Honors seminar that fulfills Group I of the English major.

Type:

Honors

- **ENG-H555 Senior Honors Thesis**

Prerequisites:

Restricted to CAS Honors students or other English majors with a GPA of 3.5 or above in English courses admitted by application to the department by the end of their junior year.

Credits:

1.00- 3.00

Description:

Independent reading, research, and writing under the supervision of a full-time English faculty member. Restricted to CAS Honors students or other English majors with a GPA of 3.5 or above in English courses admitted by application to the department by the end of their junior year. Normally taken for 1 credit in the Fall and 3 credits in the Spring of senior year.

- **WRI-101 First Year Writing I**

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- **WRI-L101 Developmental Writing 101 Lab**

Credits:

0.00

Description:

A non credit course for students enrolled in Freshman Composition who need to improve their control of the writing process, English mechanics, and fluency of expression. WRI L101 is a hybrid course that combines online grammar and writing practice with face-to-face support from English instructors.

- **WRI-102 First Year Writing II**

Prerequisites:

WRI-101 or ENG-099 with at least a B and ENG-P099 with a P or WRI-H103

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

- **WRI-H103 Advanced First Year Writing**

Prerequisites:

By Invitation Only.

Credits:

4.00

Description:

This course is by invitation only and reserved for incoming Suffolk students with high admission scores. Advanced study and practice of writing process, revision, and research, based on close readings of a variety of texts. Fall semester only.

Type:



2017-2018 Archived Catalog Information

Environmental Science

The Center for Urban Ecology & Sustainability (CUES) offers a major in Environmental Science which allows students to develop a broad background in biology, chemistry, and physics with complementary emphasis on the science of environment and on environmental ethics, policy, and regulation.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Science Courses](#)

Major Requirements: 18 courses and corresponding laboratories where applicable, 69 credits

CUES Shared Core Requirements (6 courses and corresponding laboratories where applicable, 21 credits)

- UES-101 Environmental Studies

Credits:

4.00

Description:

Focuses on the natural environment through the lens of social science and humanities. Students will study texts from those disciplines to acquire a deeper understanding of the values and beliefs that underlie environmental issues. Students will investigate the policy-making processes and

institutions through which those issues are decided, and the social inequalities in the distribution of environmental problems. Texts to be studied will range from literature, philosophy, and film to policy statements, impact reports, community advocacy materials, and investigative journalism.

Term:

Offered Fall Term

- **UES-111 Environmental Science**

Prerequisites:

Must be taken concurrently with UES-L111

Credits:

3.00

Description:

Applies the fundamentals of science to environmental issues. Topics include population dynamics and resources, environmental degradation, ecosystems, geologic processes, deforestation, biodiversity, climate change, air, soil, and water resource management, and pollution and risks to health.

Term:

Offered Spring Term

Type:

SCI TECH ENGNR

- **UES-L111 Environmental Science Lab**

Prerequisites:

Must be taken concurrently with UES-111.

Credits:

1.00

Description:

Laboratory exercises are used to illustrate topics covered in UES 111. Field testing and analysis of environmental samples. Field trips may be required.

Term:

Offered Spring Term

Type:

SCI TECH ENGNR

- **UES-225 Geographical Information Science**

Prerequisites:

Take UES-L225 concurrently

Credits:

3.00

Description:

Provides the fundamentals of geographic information science (GIS) including the history of automated mapping. A review of the necessary hardware and software elements used in GIS is presented. Hands-on exercises with computerized mapping software are required.

Type:

SCI TECH ENGNR

- **UES-L225 Geographic Information Science Lab**

Prerequisites:

Must be taken concurrently with UES-225

Credits:

1.00

Description:

Required companion computer laboratory to be taken concurrently with UES 225.

Type:

SCI TECH ENGR

- **UES-401 Environmental Studies Capstone Course**

Credits:

4.00

Description:

Examines a contemporary environmental issue for the development of senior project. Students will develop a proposal to address an identified issue from the multiple perspectives (e.g., policy, ethics, environmental justice, science and culture). As appropriate, the proposal will be field tested, demonstrated, or presented to the local community.

- **UES-511 Professional Development Module**

Prerequisites:

Environmental Studies or Environmental Science major or minor with junior standing

Credits:

1.00

Description:

Analyzes students' interests, skills, values, and experiences in the context of career planning for the environmental fields. Provides understanding of how to present professional accomplishments, conduct a job search, or prepare for graduate work.

Choose one of the following courses:

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

• **BIO-273 Biostatistics**

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the statistical methods used to evaluate biological problems. Sampling, probability, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered. Software for data handling, graphics, and analysis will be used.

Term:

Offered Fall Term

Type:

Quantitative Analysis

Environmental Science Core Requirements (6 courses and corresponding laboratories where applicable, 24 credits)

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Rigorous introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **CHEM-L111 General Chemistry Laboratory I**

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **CHEM-112 General Chemistry II**

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently. MATH 104 placement or higher.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Both Fall and Spring

- **CHEM-L112 General Chemistry Laboratory II**

Prerequisites:

MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 MATHT-MPEL3 MATH-104 MATH-130 MATH-134 MATH-164 or MATH-165. CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Laboratory. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as the application of Beer's Law and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

- **UES-255 Chemistry and the Environment**

Prerequisites:

CHEM 112/L112 or permission of instructor and UES L255

Credits:

3.00

Description:

Investigates the chemical processes (including biologically mediated ones) that affect the cycling and ultimate fate of chemicals in the environment (air, water, and soil). Remediation and treatment methods used to minimize pollutant loads and mitigate their impacts are considered.

- **UES-L255 Chemistry and the Environment Laboratory**

Prerequisites:

CHEM 112/L112 or permission of instructor and UES 255.

Credits:

1.00

Description:

Illustrates chemical processes in the environment and the methods of analysis of contaminants via laboratory exercises and application of instrumental techniques.

Choose one of the following sequences:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or MATH-165 or permission of Physics department chair; PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• **PHYS-112 College Physics II**

Prerequisites:

PHYS-111 and PHYS-L11. Must be taken concurrently with PHYS-L112.

Credits:

3.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics.

Term:

Offered Spring Term

• **PHYS-L112 College Physics Lab II**

Prerequisites:

PHYS 111 and PHYS L111; PHYS 112 must be taken concurrently

Credits:

1.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Spring Term

Or:

- **PHYS-151 University Physics I**

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

• **PHYS-152 University Physics II**

Prerequisites:

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

Environmental Studies Elective Requirements (2 courses, 8 credits)

Choose two of the following courses with one at the 300-level or higher:

- **EC-131 Environmental Economics**

Credits:

4.00

Description:

Identifies the environmental effects of economic activity, including polluted water and air, noise, and radiation, and values their costs and benefits. Analyzes mechanisms, including taxes and permits, for achieving a socially preferable level of pollution. Traces role played by institutions, including common ownership, in affecting environmental decay. Resource depletion (of oil, forests, and fisheries) and appropriate policy responses.

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

- **ENT-352 Green and Sustainable Business**

Prerequisites:

ENT-101 and Junior Standing

Credits:

3.00

Description:

Over the past decade, the world of business and the environment has exploded. Beginning as an engineering-driven movement among a handful of companies during the 1980's, many firms have learned that improved environment performance can save money and create a competitive advantage. In this course, we will cover how businesses of all sizes are more attentive to environmental issues and the realization that a green business: improves employee morale and health in the workplace, holds a marketing edge over the competition, strengthens the bottom line through operating efficiencies, is recognized as an environmental leader, can have a strong impact in the community and beyond, and can improve public relations.

Term:

Offered Spring Term

- **GVT-223 American Politics & Institutions**

Prerequisites:

GVT 110 or GVT 120 or instructor's permission

Credits:

4.00

Description:

This course will provide an examination of the institutions that are involved in the American policy-making process. The student will learn about the presidential, (as opposed to the parliamentary) system that exists in the United States. The course will focus on a relationship between the President and Congress and how that relationship impedes or facilitates the public policy process, including the budgetary process. The course will include a discussion of the president's role as head of the executive branch, and the implementation of congressional policies. Attention will be given to the role of the judiciary in the policy process. Normally offered every year.

- **GVT-224 Introduction to Public Policy**

Prerequisites:

GVT 110 and GVT 120 or instructor's permission

Credits:

4.00

Description:

An introduction to the process by which public policies are made in the United States. The class will focus on agenda-setting and policy formulation at the federal level, and will include a discussion of the various actors in governmental institutions that impact public policy. Several policy issues will be used as examples to illustrate the process. Some comparisons will be made to state and local policymaking. Normally offered every year.

- **P.AD-362 Global Health, Poverty & Warming**

Prerequisites:

SIB 101 or HST 149 or HST 150 or Instructor permission

Credits:

3.00

Description:

Global health, global poverty, and global warming are three interrelated issues that are creating a perfect storm of crises worldwide with major impacts on the United States. This course is an overview of the problems - the needs, systems, programs, and financing. We will look critically at policies in these areas and discuss what needs to be done to address them. Students will write a major paper on an issue of their choice.

Type:

Global Engagement Experience

- **PHIL-362 Environmental Ethics**

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

An examination of the moral issues involved in the interaction of humans with their natural environment. Topics include: the environmental crisis, human-centered vs. nature-centered ethics, intrinsic value in nature, obligations to future generations, the importance of preserving endangered species and wilderness, radical ecology, eco-feminism, and the role of social justice in environmental issues. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every year.

Term:

Occasional

- **UES-211 Environmental Science II**

Prerequisites:

Must be take concurrently with UES-L211

Credits:

3.00

Description:

Focuses on how environmental conditions affect human, animal and ecological health. Areas may include control of environmental contaminants; public health and infectious disease control; sanitation systems; antibiotic resistance; health issues associated with food production; the effects of industrialization on the environment; and the impact of disasters on environmental health.

Term:

Offered Fall Term

- **UES-L211 Environmental Science II Lab**

Prerequisites:

Must be taken concurrently with UES-211

Credits:

1.00

Description:

Illustrates topics covered UES 211 through laboratory exercises. Exercises may include analysis of environmental samples (soil, water, and air). Field trips may be required.

Term:

Offered Fall Term

- **UES-301 Issues in Environmental Justice**

Credits:

4.00

Description:

Investigates the environmental justice movement, its basis in law, and its leaders. Students will study key topics pertaining to environmental and health disparities and learn about community organizing and advocacy and their application to shape decision-making. Sustainable practices and their integration into daily life to create healthy communities and equity will be considered.

- **UES-310 The Civilian Conservation Corps and the American Landscape**

Prerequisites:

Class will meet for 75 minutes a week and then travel over spring break. Instructor's consent is required

Credits:

4.00

Description:

Focuses on the history and lasting effect of the Civilian Conservation Corps (CCC) on the physical and political landscape of the United States. Tracks the progression of work of the more than 3 million men who served in the CCC from 1933 to 1942, from the planting of billions of trees to the development of recreational opportunities on federal and state lands. Looks at the role the CCC played in redefining conservation and creating a mainstream environmental movement. Investigates the lasting legacy that the CCC left on the American landscape through the development of other conservation corps programs. Connected with a required Alternative Spring Break trip, this experiential education offering will allow students to experience and complete similar work to that completed by CCC members.

Term:

Offered Spring Term

Type:

Local Engagement Experience

- **UES-321 Introduction to Permaculture**

Credits:

4.00

Description:

Permaculture is the design of food systems and social structures to provide for human needs while restoring ecosystem health. Examining the interconnections between environmental, social and economic components, Permaculture is informed by the disciplines of systems ecology, ecological design and ethno-ecology.

Term:

Offered Spring Term

Advanced Science Requirements (2 courses and corresponding laboratories where applicable, 8 credits)

- **BIO-333 Ecology**

Prerequisites:

BIO-114/L114; BIO-L333 concurrently;

Credits:

3.00

Description:

Areas of study include but are not limited to basic principles of population biology, community ecology, trophic dynamics, ecosystem structure and function and evolutionary theory.

Term:

Offered Fall Term

- **BIO-L333 Ecology Lab**

Prerequisites:

BIO-114, BIO-L114, and BIO-333 concurrently

Credits:

1.00

Description:

Field and laboratory experiences in techniques and concepts relevant to ecological theory, data collection, statistical analysis, visual representation and report preparation.

Term:

Offered Fall Term

- **BIO-343 Biodiversity & Conservation Biology**

Prerequisites:

BIO-114 and BIO-L114

Credits:

4.00

Description:

This course covers a broad spectrum of aspects of biodiversity and conservation by examining key elements ranging from global patterns in the distribution of life on our planet to the effects our human population is causing on those patterns. Examples from marine and terrestrial animals and plants are used to convey current ideas with a focus on the importance of global biodiversity, and the design of management programs for the conservation of species and ecosystems. 4-credit

Advanced Science Elective (1 course and corresponding laboratory where applicable, 4 credits)

One 300-level science course approved by CUES director

Math Requirement (1 course, 4 credits)

Choose one of the following:

- **MATH-134 Calculus for Management & Social Sciences**

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

Any math course above MATH-165 may also be chosen.

Students who have taken MATH-165 are encouraged to take PHYS-151/L151 and PHYS-152/L152. Students considering graduate school are encouraged to take MATH-165 and MATH-166.

Internship Option

Internships may be approved for credit by the CUES director. An approved internship for 3- or 4- credits may be used as a concentration course option at the discretion of the CUES director.

- **UES-503 Local Internship**

Prerequisites:

Environmental Science and Environmental Studies majors and minors only with junior standing.

Credits:

1.00- 4.00

Description:

Application of the principles and techniques of environmental science or studies to a specific environmental problem through a local internship placement of 10 hours per week (minimum) for 12 weeks. Typically, this experience will include literature research, classroom meetings, and field work in an off-campus environmental agency or NGO.

Term:

Offered Both Fall and Spring

• UES-505 Global Internship

Credits:

1.00- 4.00

Description:

Application of the principles and techniques of environmental science or studies to a specific environmental problem through a global internship placement of 10 hours per week (minimum) for 12 weeks. Typically, this experience will include literature research, classroom meetings, and field work in an off-campus environmental agency or NGO.

Term:

Offered Both Fall and Spring

Note: Certain courses required for the major will also meet core curriculum requirements and can be double-counted.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Environmental Science

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- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Science Courses](#)

Minor Requirements: 6 courses, 24 credits

The Environmental Science minor has three required courses and three additional courses demonstrating an emphasis in biology or chemistry.

Core Requirements (3 courses and corresponding laboratories where applicable, 12 credits)

- UES-111 Environmental Science

Prerequisites:

Must be taken concurrently with UES-L111

Credits:

3.00

Description:

Applies the fundamentals of science to environmental issues. Topics include population dynamics and resources, environmental degradation, ecosystems, geologic processes, deforestation, biodiversity, climate change, air, soil, and water resource management, and pollution and risks to health.

Term:

Offered Spring Term

Type:

SCI TECH ENGNR

- **UES-L111 Environmental Science Lab**

Prerequisites:

Must be taken concurrently with UES-111.

Credits:

1.00

Description:

Laboratory exercises are used to illustrate topics covered in UES 111. Field testing and analysis of environmental samples. Field trips may be required.

Term:

Offered Spring Term

Type:

SCI TECH ENGNR

- **UES-225 Geographical Information Science**

Prerequisites:

Take UES-L225 concurrently

Credits:

3.00

Description:

Provides the fundamentals of geographic information science (GIS) including the history of automated mapping. A review of the necessary hardware and software elements used in GIS is presented. Hands-on exercises with computerized mapping software are required.

Type:

SCI TECH ENGR

- **UES-L225 Geographic Information Science Lab**

Prerequisites:

Must be taken concurrently with UES-225

Credits:

1.00

Description:

Required companion computer laboratory to be taken concurrently with UES 225.

Type:

SCI TECH ENGR

- **PHIL-362 Environmental Ethics**

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

An examination of the moral issues involved in the interaction of humans with their natural environment. Topics include: the environmental crisis, human-centered vs. nature-centered ethics, intrinsic value in nature, obligations to future generations, the importance of preserving endangered species and wilderness, radical ecology, eco-feminism, and the role of social justice in environmental issues. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every year.

Term:

Occasional

Electives (3 courses and corresponding laboratories where applicable, 12 credits)

Choose one of the following options:

Biology Option

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Rigorous introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-333 Ecology**

Prerequisites:

BIO-114/L114; BIO-L333 concurrently;

Credits:

3.00

Description:

Areas of study include but are not limited to basic principles of population biology, community ecology, trophic dynamics, ecosystem structure and function and evolutionary theory.

Term:

Offered Fall Term

- **BIO-L333 Ecology Lab**

Prerequisites:

BIO-114, BIO-L114, and BIO-333 concurrently

Credits:

1.00

Description:

Field and laboratory experiences in techniques and concepts relevant to ecological theory, data collection, statistical analysis, visual representation and report preparation.

Term:

Offered Fall Term

- **BIO-343 Biodiversity & Conservation Biology**

Prerequisites:

BIO-114 and BIO-L114

Credits:

4.00

Description:

This course covers a broad spectrum of aspects of biodiversity and conservation by examining key elements ranging from global patterns in the distribution of life on our planet to the effects our human population is causing on those patterns. Examples from marine and terrestrial animals and plants are used to convey current ideas with a focus on the importance of global biodiversity, and the design of management programs for the conservation of species and ecosystems. 4-credit

Chemistry Option

• CHEM-111 General Chemistry I

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• CHEM-L111 General Chemistry Laboratory I

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **CHEM-112 General Chemistry II**

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently. MATH 104 placement or higher.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Both Fall and Spring

- **CHEM-L112 General Chemistry Laboratory II**

Prerequisites:

MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 MATHT-MPEL3 MATH-104 MATH-130 MATH-134 MATH-164 or MATH-165. CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Laboratory. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as the application of Beer's Law and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

- **UES-255 Chemistry and the Environment**

Prerequisites:

CHEM 112/L112 or permission of instructor and UES L255

Credits:

3.00

Description:

Investigates the chemical processes (including biologically mediated ones) that affect the cycling and ultimate fate of chemicals in the environment (air, water, and soil). Remediation and treatment methods used to minimize pollutant loads and mitigate their impacts are considered.

- **UES-L255 Chemistry and the Environment Laboratory**

Prerequisites:

CHEM 112/L112 or permission of instructor and UES 255.

Credits:

1.00

Description:

Illustrates chemical processes in the environment and the methods of analysis of contaminants via laboratory exercises and application of instrumental techniques.

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Environmental Science

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- [Minor Requirements](#)
- [Honors](#)
- [Environmental Science Courses](#)

The Center for Urban Ecology and Sustainability offers an honors program. Students participating in the program must meet the following criteria:

1. Students must have an overall GPA of 3.5 or higher and a GPA in the major of 3.5 or higher.
2. Honors candidates must be invited by the CUES Honors Advisory Committee and should register for at least four credits of UES-555 Honors Thesis.
3. Participants will develop and complete an independent study project under the supervision of a member of the CUES Honors Advisory Committee. Depending on the nature of the project, the study may be conducted on or off campus, or involve a combination of both.
4. To successfully complete the project, a student will be required to develop and defend a thesis to the CUES Honors Advisory Committee and to present findings in a colloquium.

- **UES-555 Senior Thesis**

Prerequisites:

Grade point average 3.0 overall, 3.4 in major; completion of a minimum of 8 credits in courses that are part of the Environmental Studies major at Suffolk University; consent of instructor.

Credits:

4.00

Description:

Individual program of reading, research, writing on an approved topic under the supervision of a member of the CUES Honors Advisory Committee, for CUES majors who are candidates for honors in a CUES major and who wish to prepare a thesis for submission to the honors committee. Must normally be taken in the senior year.



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- [Honors](#)
- [Environmental Science Courses](#)

• ENVS-111 Majors' Environmental Science

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS L111

Credits:

3.00

Description:

Applies the fundamentals of science to environmental issues. Topics include population dynamics and resources, environmental degradation, ecosystems, geologic processes, deforestation, biodiversity, climate change, air, soil, and water resource management, and pollution and risks to health. This course is open to all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor. Must be taken concurrently with ENVS L111. 3 hours lecture. 1 term. 3 credits. Normally offered fall evenings.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **ENVS-L111 Majors' Environmental Science Lab**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS 111

Credits:

1.00

Description:

Laboratory exercises are used to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips are required. This course is required for all environmental science and environmental studies majors and minors. Concurrent enrollment in ENVS 111 is required. 3 hour laboratory. Normally offered fall.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **ENVS-112 Majors' Environmental Science II**

Credits:

3.00

Description:

Topics introduced in ENVS 111 are further developed to focus on how environmental conditions affect human, animal and ecological health. Areas may include control of environmental contaminants; public health and infectious disease control; antibiotic resistance; health issues associated with food production; contained animal feeding operations; the effects of industrialization on the environment; and the impact of disasters on environmental health. This course is open to environmental science and studies majors and minors or by permission from the instructor. 3 credits. Normally offered spring evenings. Must be taken concurrently with ENVS L112

Term:

Offered Spring Term

- **ENVS-L112 Majors' Environmental Science II Lab**

Credits:

1.00

Description:

Laboratory exercises are used to illustrate topics covered ENVS 112. Exercises may include analysis of environmental samples for heavy metal contamination and evidence of sewage contamination or air samples for criteria pollutants. Field trips are required. This course is required for Environmental studies majors and minors. 1 credit Normally offered in spring semester evenings. prerequisite: enrollment in ENVS 112

Term:

Offered Spring Term

- **ENVS-436 Environmental Science Practicum**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Application of the principles and techniques of environmental science to a specific environmental problem through a practicum placement of at least 10 hours per week for 12 weeks. Typically, this experience will include literature research, classroom meetings, and field work in an off-campus

environmental agency. ECR 1 term- 4 credits. Normally offered fall and spring. Prerequisite: junior standing; limited to Environmental Science majors and minors.

Term:

Offered Both Fall and Spring

- **ENVS-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

This is an independent study in environmental studies. Topics will vary.

Term:

Offered Both Fall and Spring



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- [Major Requirements](#)
- [Honors](#)
- [Minor Requirements](#)
- [Environmental Studies Courses](#)

Major Requirements: 13 courses and corresponding laboratories where applicable, 49 credits

CUES Shared Core Requirements (6 courses and corresponding laboratories where applicable, 21 credits)

- UES-101 Environmental Studies

Credits:

4.00

Description:

Focuses on the natural environment through the lens of social science and humanities. Students will study texts from those disciplines to acquire a deeper understanding of the values and beliefs that underlie environmental issues. Students will investigate the policy-making processes and institutions through which those issues are decided, and the social inequalities in the distribution of environmental problems. Texts to be studied will range from literature, philosophy, and film to policy statements, impact reports, community advocacy materials, and investigative journalism.

Term:

Offered Fall Term

- **UES-111 Environmental Science**

Prerequisites:

Must be taken concurrently with UES-L111

Credits:

3.00

Description:

Applies the fundamentals of science to environmental issues. Topics include population dynamics and resources, environmental degradation, ecosystems, geologic processes, deforestation, biodiversity, climate change, air, soil, and water resource management, and pollution and risks to health.

Term:

Offered Spring Term

Type:

SCI TECH ENGNR

- **UES-L111 Environmental Science Lab**

Prerequisites:

Must be taken concurrently with UES-111.

Credits:

1.00

Description:

Laboratory exercises are used to illustrate topics covered in UES 111. Field testing and analysis of environmental samples. Field trips may be required.

Term:

Offered Spring Term

Type:

SCI TECH ENGR

- **UES-225 Geographical Information Science**

Prerequisites:

Take UES-L225 concurrently

Credits:

3.00

Description:

Provides the fundamentals of geographic information science (GIS) including the history of automated mapping. A review of the necessary hardware and software elements used in GIS is presented. Hands-on exercises with computerized mapping software are required.

Type:

SCI TECH ENGR

- **UES-L225 Geographic Information Science Lab**

Prerequisites:

Must be taken concurrently with UES-225

Credits:

1.00

Description:

Required companion computer laboratory to be taken concurrently with UES 225.

Type:

SCI TECH ENGNR

- **UES-401 Environmental Studies Capstone Course**

Credits:

4.00

Description:

Examines a contemporary environmental issue for the development of senior project. Students will develop a proposal to address an identified issue from the multiple perspectives (e.g., policy, ethics, environmental justice, science and culture). As appropriate, the proposal will be field tested, demonstrated, or presented to the local community.

- **UES-511 Professional Development Module**

Prerequisites:

Environmental Studies or Environmental Science major or minor with junior standing

Credits:

1.00

Description:

Analyzes students' interests, skills, values, and experiences in the context of career planning for the environmental fields. Provides understanding of how to present professional accomplishments, conduct a job search, or prepare for graduate work.

Choose one of the following courses:

• STATS-250 Applied Statistics

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

• BIO-273 Biostatistics

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the statistical methods used to evaluate biological problems. Sampling, probability, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered. Software for data handling, graphics, and analysis will be used.

Term:

Offered Fall Term

Type:

Environmental Studies Core Requirements (4 courses and corresponding laboratories where applicable, 16 credits)

- **PHIL-362 Environmental Ethics**

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

An examination of the moral issues involved in the interaction of humans with their natural environment. Topics include: the environmental crisis, human-centered vs. nature-centered ethics, intrinsic value in nature, obligations to future generations, the importance of preserving endangered species and wilderness, radical ecology, eco-feminism, and the role of social justice in environmental issues. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every year.

Term:

Occasional

- **UES-211 Environmental Science II**

Prerequisites:

Must be take concurrently with UES-L211

Credits:

3.00

Description:

Focuses on how environmental conditions affect human, animal and ecological health. Areas may include control of environmental contaminants; public health and infectious disease control; sanitation systems; antibiotic resistance; health issues associated with food production; the effects of industrialization on the environment; and the impact of disasters on environmental health.

Term:

Offered Fall Term

- **UES-L211 Environmental Science II Lab**

Prerequisites:

Must be taken concurrently with UES-211

Credits:

1.00

Description:

Illustrates topics covered UES 211 through laboratory exercises. Exercises may include analysis of environmental samples (soil, water, and air). Field trips may be required.

Term:

Offered Fall Term

- **UES-301 Issues in Environmental Justice**

Credits:

4.00

Description:

Investigates the environmental justice movement, its basis in law, and its leaders. Students will study key topics pertaining to environmental and health disparities and learn about community organizing and advocacy and their application to shape decision-making. Sustainable practices and their integration into daily life to create healthy communities and equity will be considered.

- **UES-330 Research Methods**

Prerequisites:

UES-111 UES-L111 UES-211 UES-L211

Credits:

4.00

Description:

How environmental professionals decide what to study, how they select a research design, sample and collect data, analyze results, interpret findings, and write up reports. Students are introduced to the techniques most frequently used by environmental professionals and undertake their own small research project. Required for all environmental studies majors.

Term:

Offered Fall Term

Concentration Requirement (3 courses, 12 credits)

Choose one of the following concentrations.

Environmental Policy Concentration

- **GVT-438 Environmental Policy & Politic**

Prerequisites:

This course will have a service learning component Junior Status required

Credits:

4.00

Description:

From Rio to the Boston Harbor Project, this course examines the policies and politics of the environment. It examines the origins of the environmental movement in the United States focusing on the development and present function of government and non-government organizations responsible for the development and implementation of global, national, state and local environmental policies.

Choose two of the following. At least one must be at or above the 200-level:

- **EC-131 Environmental Economics**

Credits:

4.00

Description:

Identifies the environmental effects of economic activity, including polluted water and air, noise, and radiation, and values their costs and benefits. Analyzes mechanisms, including taxes and permits, for achieving a socially preferable level of pollution. Traces role played by institutions, including common ownership, in affecting environmental decay. Resource depletion (of oil, forests, and fisheries) and appropriate policy responses.

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

- **GVT-223 American Politics & Institutions**

Prerequisites:

GVT 110 or GVT 120 or instructor's permission

Credits:

4.00

Description:

This course will provide an examination of the institutions that are involved in the American policy-making process. The student will learn about the presidential, (as opposed to the parliamentary) system that exists in the United States. The course will focus on a relationship between the President and Congress and how that relationship impedes or facilitates the public policy process, including the budgetary process. The course will include a discussion of the president's role as head of the executive branch, and the implementation of congressional policies. Attention will be given to the role of the judiciary in the policy process. Normally offered every year.

- **GVT-224 Introduction to Public Policy**

Prerequisites:

GVT 110 and GVT 120 or instructor's permission

Credits:

4.00

Description:

An introduction to the process by which public policies are made in the United States. The class will focus on agenda-setting and policy formulation at the federal level, and will include a discussion of the various actors in governmental institutions that impact public policy. Several policy issues will be used as examples to illustrate the process. Some comparisons will be made to state and local policymaking. Normally offered every year.

- **P.AD-362 Global Health, Poverty & Warming**

Prerequisites:

SIB 101 or HST 149 or HST 150 or Instructor permission

Credits:

3.00

Description:

Global health, global poverty, and global warming are three interrelated issues that are creating a perfect storm of crises worldwide with major impacts on the United States. This course is an overview of the problems - the needs, systems, programs, and financing. We will look critically at policies in these areas and discuss what needs to be done to address them. Students will write a major paper on an issue of their choice.

Type:

Urban Environmentalism Concentration

Choose three of the following. At least two must be at or above the 300-level:

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

- **ENT-352 Green and Sustainable Business**

Prerequisites:

ENT-101 and Junior Standing

Credits:

3.00

Description:

Over the past decade, the world of business and the environment has exploded. Beginning as an engineering-driven movement among a handful of companies during the 1980's, many firms have learned that improved environment performance can save money and create a competitive advantage. In this course, we will cover how businesses of all sizes are more attentive to environmental issues and the realization that a green business:

improves employee morale and health in the workplace, holds a marketing edge over the competition, strengthens the bottom line through operating efficiencies, is recognized as an environmental leader, can have a strong impact in the community and beyond, and can improve public relations.

Term:

Offered Spring Term

- **UES-310 The Civilian Conservation Corps and the American Landscape**

Prerequisites:

Class will meet for 75 minutes a week and then travel over spring break. Instructor's consent is required

Credits:

4.00

Description:

Focuses on the history and lasting effect of the Civilian Conservation Corps (CCC) on the physical and political landscape of the United States. Tracks the progression of work of the more than 3 million men who served in the CCC from 1933 to 1942, from the planting of billions of trees to the development of recreational opportunities on federal and state lands. Looks at the role the CCC played in redefining conservation and creating a mainstream environmental movement. Investigates the lasting legacy that the CCC left on the American landscape through the development of other conservation corps programs. Connected with a required Alternative Spring Break trip, this experiential education offering will allow students to experience and complete similar work to that completed by CCC members.

Term:

Offered Spring Term

Type:

Local Engagement Experience

- **UES-321 Introduction to Permaculture**

Credits:

4.00

Description:

Permaculture is the design of food systems and social structures to provide for human needs while restoring ecosystem health. Examining the interconnections between environmental, social and economic components, Permaculture is informed by the disciplines of systems ecology, ecological design and ethno-ecology.

Term:

Offered Spring Term

- **UES-325 Environmental History of US**

Credits:

4.00

Description:

Explores how Americans have understood the environment and their relationship to it through analysis of classic environmental texts, historical contexts, and societal perspectives. Analyzes how the environment has changed from pre-colonial times to the present and how these changes have been described through the lens of environmental history. Themes include differing viewpoints of European and indigenous peoples toward the natural environment, the impacts of the Western expansion on native species and landscapes, the rise of industrialism and its impacts on natural resources and ecosystems, and the rise of 20th century environmentalism.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

Internship Option

Internships may be approved for credit by the CUES director. An approved internship for 3- or 4- credits may be used as a concentration course option at the discretion of the CUES director.

- **UES-503 Local Internship**

Prerequisites:

Environmental Science and Environmental Studies majors and minors only with junior standing.

Credits:

1.00- 4.00

Description:

Application of the principles and techniques of environmental science or studies to a specific environmental problem through a local internship placement of 10 hours per week (minimum) for 12 weeks. Typically, this experience will include literature research, classroom meetings, and field work in an off-campus environmental agency or NGO.

Term:

Offered Both Fall and Spring

- **UES-505 Global Internship**

Credits:

1.00- 4.00

Description:

Application of the principles and techniques of environmental science or studies to a specific environmental problem through a global internship placement of 10 hours per week (minimum) for 12 weeks. Typically, this experience will include literature research, classroom meetings, and field work in an off-campus environmental agency or NGO.

Term:

Offered Both Fall and Spring

Note: Certain courses required for the major will also meet core curriculum requirements and can be double-counted.

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- [Minor Requirements](#)
- [Environmental Studies Courses](#)

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1. Students must have an overall GPA of 3.5 or higher and a GPA in the major of 3.5 or higher.
2. Honors candidates must be invited by the CUES Honors Advisory Committee and should register for at least four credits of UES-555 Honors Thesis.
3. Participants will develop and complete an independent study project under the supervision of a member of the CUES Honors Advisory Committee. Depending on the nature of the project, the study may be conducted on or off campus, or involve a combination of both.
4. To successfully complete the project, a student will be required to develop and defend a thesis to the CUES Honors Advisory Committee and to present findings in a colloquium.

- UES-555 Senior Thesis

Prerequisites:

Grade point average 3.0 overall, 3.4 in major; completion of a minimum of 8 credits in courses that are part of the Environmental Studies major at Suffolk University; consent of instructor.

Credits:

4.00

Description:

Individual program of reading, research, writing on an approved topic under the supervision of a member of the CUES Honors Advisory Committee, for CUES majors who are candidates for honors in a CUES major and who wish to prepare a thesis for submission to the honors committee. Must normally be taken in the senior year.



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- [Honors](#)
- [Minor Requirements](#)
- [Environmental Studies Courses](#)

Minor Requirements: 5 courses and corresponding laboratories where applicable, 20 credits

- UES-101 Environmental Studies

Credits:

4.00

Description:

Focuses on the natural environment through the lens of social science and humanities. Students will study texts from those disciplines to acquire a deeper understanding of the values and beliefs that underlie environmental issues. Students will investigate the policy-making processes and institutions through which those issues are decided, and the social inequalities in the distribution of environmental problems. Texts to be studied will range from literature, philosophy, and film to policy statements, impact reports, community advocacy materials, and investigative journalism.

Term:

Offered Fall Term

- **UES-111 Environmental Science**

Prerequisites:

Must be taken concurrently with UES-L111

Credits:

3.00

Description:

Applies the fundamentals of science to environmental issues. Topics include population dynamics and resources, environmental degradation, ecosystems, geologic processes, deforestation, biodiversity, climate change, air, soil, and water resource management, and pollution and risks to health.

Term:

Offered Spring Term

Type:

SCI TECH ENGNR

- **UES-L111 Environmental Science Lab**

Prerequisites:

Must be taken concurrently with UES-111.

Credits:

1.00

Description:

Laboratory exercises are used to illustrate topics covered in UES 111. Field testing and analysis of environmental samples. Field trips may be required.

Term:

Offered Spring Term

Type:

SCI TECH ENGNR

Choose three of the following. At least two must be at the 200-level or above.

- **PHIL-362 Environmental Ethics**

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

An examination of the moral issues involved in the interaction of humans with their natural environment. Topics include: the environmental crisis, human-centered vs. nature-centered ethics, intrinsic value in nature, obligations to future generations, the importance of preserving endangered species and wilderness, radical ecology, eco-feminism, and the role of social justice in environmental issues. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every year.

Term:

Occasional

- **UES-211 Environmental Science II**

Prerequisites:

Must be take concurrently with UES-L211

Credits:

3.00

Description:

Focuses on how environmental conditions affect human, animal and ecological health. Areas may include control of environmental contaminants; public health and infectious disease control; sanitation systems; antibiotic resistance; health issues associated with food production; the effects of industrialization on the environment; and the impact of disasters on environmental health.

Term:

Offered Fall Term

- **UES-L211 Environmental Science II Lab**

Prerequisites:

Must be taken concurrently with UES-211

Credits:

1.00

Description:

Illustrates topics covered UES 211 through laboratory exercises. Exercises may include analysis of environmental samples (soil, water, and air). Field trips may be required.

Term:

Offered Fall Term

- **UES-301 Issues in Environmental Justice**

Credits:

4.00

Description:

Investigates the environmental justice movement, its basis in law, and its leaders. Students will study key topics pertaining to environmental and health disparities and learn about community organizing and advocacy and their application to shape decision-making. Sustainable practices and their integration into daily life to create healthy communities and equity will be considered.

- **UES-310 The Civilian Conservation Corps and the American Landscape**

Prerequisites:

Class will meet for 75 minutes a week and then travel over spring break. Instructor's consent is required

Credits:

4.00

Description:

Focuses on the history and lasting effect of the Civilian Conservation Corps (CCC) on the physical and political landscape of the United States. Tracks the progression of work of the more than 3 million men who served in the CCC from 1933 to 1942, from the planting of billions of trees to the development of recreational opportunities on federal and state lands. Looks at the role the CCC played in redefining conservation and creating a mainstream environmental movement. Investigates the lasting legacy that the CCC left on the American landscape through the development of other conservation corps programs. Connected with a required Alternative Spring Break trip, this experiential education offering will allow students to experience and complete similar work to that completed by CCC members.

Term:

Offered Spring Term

Type:

Local Engagement Experience

Note: Certain courses required for the minor will also meet core curriculum requirements and can be double-counted.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Academic Catalogs

[Academic Catalogs](#) > [Undergraduate Catalog](#) > [College of Arts & Sciences](#) > [Majors, Minors, & Certificates](#) > Environmental Studies

2017-2018 Archived Catalog Information

Environmental Studies

The Center for Urban Ecology & Sustainability (CUES) offers an interdisciplinary Environmental Studies major drawing from the sciences, humanities, and social sciences. The major is structured to provide students with a foundation in science, social science, ethics, and humanities to develop a comprehensive understanding of the complexity of environmental issues.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Honors](#)
- [Minor Requirements](#)
- [Environmental Studies Courses](#)

- **ENST-101 Environmental Studies**

Credits:

4.00

Description:

An interdisciplinary course that focuses on the social science and humanities disciplines as they are related to the natural environment. Students will study texts from those disciplines to acquire a deeper understanding of the values and beliefs that underlie environmental issues. The course will also investigate the policy-making processes and institutions through which those issues are decided, and the social inequalities in the distribution of environmental problems. Texts to be studied will range from literature, philosophy and film to policy statements, impact reports, community advocacy materials, and investigative journalism.

• ENST-310 The Civilian Conservation Corps and the American Landscape

Prerequisites:

Class will meet for 75 minutes a week and then travel over spring break. Instructor's consent is required

Credits:

4.00

Description:

This course will focus on the history and lasting affect of the Civilian Conservation Corps (CCC) on the physical and political landscape of the United States. From 1933 to 1942 more than 3 million men served in the CCC, and this course will track the progression of their work from the planting of billions of trees to the development of recreational opportunities on federal and state lands. Over time, CCC work progressed from the conservation of natural resources to the conservation of human resources and promotion of recreation on public lands. As the CCC changed over time, so too did public opinion concerning the CCC's work and mission. This class will explore opposition to CCC projects by significant figures in America's environmental movement such as Aldo Leopold and Bob Marshall, and the resulting influence on the environmental movement in America. We will also look at the role the CCC played in redefining conservation and creating a mainstream environmental movement. In addition, this class will consider the affect that the CCC had on New Deal politics. Finally, this class will study the lasting legacy that the CCC left on the American landscape through the development of other conservation corps programs. Students will also read first hand accounts, view films, and possibly hear directly from a CCC veteran. As a class connected with an Alternative Spring Break trip, this experiential education offering will allow students to experience and complete similar work to that completed by CCC members. During Alternative Spring Break, students will visit important CCC history sites such as the first CCC camp in the country and a major national park development project. During the course, assignments will challenge students to identify CCC sites in Massachusetts or their home states. Local site visits are a possibility for this class. Other assignments will challenge students to identify modern environmental organizations who can trace their origins to the

Type:

Local Engagement Experience

• ENST-315 Foundations of Environmental Education

Credits:

4.00

Description:

This course will provide an overview of Environmental Education (EE) by looking at how EE has been defined, how the field has changed over time, and how our own connections with the environment can inform our understanding and practice of this work. Students will consider the goals of EE and

the variety of approaches utilized in the field to reach those goals. Age appropriate environmental education, place-based education, and urban environmental education will also be studied.

- **ENST-321 Introduction to Permaculture**

Credits:

4.00

Description:

Permaculture is the design of food systems and social structures to provide for human needs while restoring ecosystem health. Examining the interconnections between environmental, social and economic components, Permaculture is informed by the disciplines of systems ecology, ecological design and ethno-ecology.

- **ENST-401 Environmental Studies Capstone Course**

Credits:

4.00

Description:

A course examining a contemporary environmental issue from various disciplinary perspectives. Using a case-study approach, students will develop a proposal to address the identified issue from the perspectives of policy, ethics, justice, science and culture. As appropriate, the proposal will be field tested, demonstrated, or presented to the local community. Possible topics include sustainable development, urban air pollution, sustainable farming, or water conservation.

- **ENST-402 Environmental Studies Capstone II**

Credits:

4.00

Description:

A continuation of ENST 401

- **ENST-403 Environmental Studies Practicum**

Prerequisites:

This class fulfills the Expanded Classroom Requirement. Junior standing or above required or consent of the instructor.

Credits:

4.00

Description:

This course combines a practicum placement of at least 10 hours a week for 12 weeks in a position that offered the student significant opportunity to learn about environmental problems as the basis for reflection, analysis, and skill development through appropriate reading, writing, and oral presentation assignments. Specific learning objectives will be tailored to the student's placement. Interested students should consult instructor in advance. ECR. 4 credits. Prerequisite: junior standing, limited to Environmental Studies majors and minors.

- **ENST-555 Senior Thesis**

Prerequisites:

Grade point average 3.0 overall, 3.4 in major; completion of a minimum of 8 credits in courses that are part of the Environmental Studies major at Suffolk University; consent of instructor.

Credits:

4.00

Description:

Individual program of reading, research, writing on an approved topic under the supervision of a member of the Committee on Environmental Studies, for Environmental Studies majors who are candidates for honors in Environmental Studies and who wish to prepare a thesis for submission to the honors committee. Must normally be taken in the first semester of the senior year. Prerequisites: Grade point average 3.0 overall, 3.4 in major; completion of a minimum of 8 credits in courses that are part of the Environmental Studies major at Suffolk University; consent of instructor. 1 term - 4 credits. Normally offered every fall.



2017-2018 Archived Catalog Information

Fine Arts

The Fine Arts program offers a broad investigation of the possibilities open to the developing artist and trains students to become active participants in the contemporary arts community.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Fine Arts Minor Requirements](#)
- [Fine Arts Courses](#)

Major Requirements: 28 courses, 88 credits

Courses in the Fine Arts program have as a prerequisite the completion of the Foundation Studies program or its equivalent. Exceptions may only be made with permission of the instructor and the Fine Arts program director.

The letter "S" preceding a course number indicates a studio course. A studio fee is assessed for all studio courses.

For specific sequence of courses, contact your advisor or the department.

Required Courses (26 courses, 82 credits)

- ADF-S101 Foundation Drawing I

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADF-S102 Foundation Drawing II**

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the nude human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

- **ADF-S152 3-Dimensional Design**

Prerequisites:

ADF S151 or ADF S166; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

- **ADF-S166 2D/Color**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

Type:

Arts Admin Minor Elective

- **ADF-S171 CI: Integrated Studio 1**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

Type:

Creativity and Innovation, Arts Admin Minor Elective

• ADF-S172 CI: Integrated Studio II

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

Type:

Creativity and Innovation

• ADFA-S201 Drawing: Language of Light

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course is an extensive exploration of the human form and how it is represented in drawing. Refining their drawing skills, students use a variety of dry media (graphite, charcoal, pastel, collage) to articulate figure/plane

Term:

Offered Fall Term

• **ADFA-S204 Sculptural Thinking**

Prerequisites:

Take ADF-S152

Credits:

3.00

Description:

Art is not just visual. Artists also think with their hands", understanding that engagement with the physical world is vital to the creative process, and often gives rise to unexpected and fruitful ideas. In this course, students will explore traditional and experimental sculptural processes in a spirit of directed play", focusing on both intuitive and critical responses to materials.

• **ADFA-S220 Drawing: Shifting Scales**

Prerequisites:

ADF-S102 or ADF-S502; ADF-S151 or ADF-S551;

Credits:

3.00

Description:

We live in a world of great contrasts in scale, where hand held screens can download Google earth and nanotechnologies can change the lives on entire continents. How do these shifts in scale alter our perceptions of space, and therefore change the way we understand and make drawings? This figure-based course uses descriptive observation as the starting point for addressing visual invention. Students will work from a model, using traditional figurative techniques to combine and contrast with digital imaging techniques, graphic novels, and various contemporary drawing approaches. A variety of wet and dry drawing media will be used with more experimental materials.

Term:

Offered Spring Term

- **ADFA-S241 Advanced Painting**

Prerequisites:

ADF S123.

Credits:

3.00

Description:

This course will involve the concepts and techniques of 20th and 21st century painting. Students develop an individual approach to non-objective and objective painted space. Open-ended assignments, lectures, critiques and discussions will clarify the work students produce. Substantial independent studio time allows students to focus on work that responds to contemporary issues in painting.

Term:

Offered Spring Term

- **ADFA-S242 Sculpture Studio**

Prerequisites:

ADF S152

Credits:

3.00

Description:

A focused study on the language of dimensionality in sculpture, students will explore traditional and non-traditional materials. Issues of craft, concept and context will aid students in developing work that responds to currents in contemporary sculpture. This class will also provide students with a substantial grounding in 20th and 21st century sculptural theory and practice.

Term:

Offered Spring Term

- **ADFA-S251 Printmaking Studio**

Credits:

3.00

Description:

This course is designed to familiarize students with the printmaking studio and various techniques. Students will gain exposure to a number of techniques including non-toxic processes. Over the course of the semester, students will be expected to develop a portfolio of prints while working in class and independently.

Term:

Offered Fall Term

- **ADFA-S271 Fine Arts Seminar I**

Prerequisites:

ADF S102 ADF S123, and ADF S152

Credits:

3.00

Description:

Fine Arts Seminar is designed as a vehicle for students to develop a personal relationship to contemporary art theory and practice. Questions are posed as a point of departure for the students to generate work. Visiting artists and weekly gallery and museum visits aid in examining aspects of current art making in order to assist students in creating a strong vision for their work. Restricted to Fine Arts Majors only.

Term:

Offered Fall Term

- **ADFA-S272 Fine Arts Seminar I**

Prerequisites:

ADFA S271

Credits:

3.00

Description:

A continuation of the first semester, this course aids students in recognizing the patterns and questions posed in their own studio practices. A large number of technical approaches to content will be explored.

Term:

Offered Spring Term

- **ADFA-S311 Contemporary Trends & Practices**

Prerequisites:

Intended for Majors only

Credits:

3.00

Description:

Contemporary Trends & Practices moves art theory into the studio and the studio out into the world. Students will look at the most significant artists and movements of the past 50 years while examining their social, cultural and political context. Canonized contemporary art categories

(postmodernism, appropriation, anti-art and performance art are some examples) are assigned as group projects. Movements, strategy or style of art making is discussed as an expressive problem solving experience, blurring the lines between media. This course conflates contemporary art history with contemporary art practices.

Term:

Offered Fall Term

- **ADFA-S344 Advanced Drawing Issues**

Prerequisites:

Take ADFA-S272;

Credits:

3.00

Description:

This course has students assess their work of the past several years in order to determine current and future goals. Students use the tools they find in the relationship between 2D and 3D in order to define contemporary drawing for themselves.

Term:

Offered Fall Term

- **ADFA-S361 Figure Studio: 2D**

Prerequisites:

ADF S123 AND ADFA S241

Credits:

3.00

Description:

This painting course is designed to provide an in-depth study and practice of two-dimensional contemporary figuration. Basing all students on the Masters and movements of the past, this course focuses on the methodology and effects of four major figurative painters from late-twentieth century

through the present.

Term:

Offered Fall Term

- **ADFA-S362 Figure Studio: 3D**

Prerequisites:

Take ADF-S152 ADFA-S361;

Credits:

3.00

Description:

This sculpture course considers the figure in its importance both as a historical element and as a reflection and definition of self. Established an understanding of the figurative form in the space by relating gesture and structure through manipulated form. Weight, mass, plane and volume are considered while working directly from the model.

Term:

Offered Spring Term

- **ADFA-S371 Fine Arts Seminar II**

Prerequisites:

ADFA S271 and ADFA S272

Credits:

3.00

Description:

In this third semester of the Seminar sequence, students are responsible for integrating their visual culture influences and references within an expanded body of work.

Term:

Offered Fall Term

- **ADFA-S372 Fine Arts Seminar II**

Prerequisites:

ADFA S271 and ADFA S272 and ADFA S371

Credits:

3.00

Description:

During this final Seminar semester, the focused studio practices of students are channeled into the development of their final thesis exhibition. The four-semester Fine Arts Seminar sequence.

Term:

Offered Spring Term

- **ADFA-400 Fine Arts Internship**

Prerequisites:

Restricted to Juniors and Seniors

Credits:

3.00- 6.00

Description:

Fine Arts majors are required to complete an internship where they will apply their studio and academic skills in a professional setting. Internships enable students to enrich their perspective of the field by sampling the career paths available to them in the art and culture economy. Student interns work directly with established professional artists or with arts and cultural organizations such as museums, galleries, and arts councils. This experiential learning is critical for career preparation and is intended to foster personal growth, hone professional skills, and provide networking opportunities. The internship experience is paired with a faculty-led seminar that will reinforce new skills and provide a venue for inquiry, sharing, and reflection.

Term:

Offered Both Fall and Spring

- **ADFA-S410 Senior Thesis**

Prerequisites:

Fine Arts Senior status required.

Credits:

3.00

Description:

This senior-level course readies the student for the furtherance of his or her career as a creative artist. Though the development of a written artist's statement, slide and electronic documentation and the charting of their individual artistic lineage, students will begin to place themselves within the context of the contemporary art world. Normally offered Spring semester.

Term:

Offered Spring Term

- **ARH-101 Art History I**

Credits:

4.00

Description:

Surveys the art of Western civilization from prehistoric caves to medieval cathedrals. Considers works from the Ancient Near East, Ancient Egypt, Ancient Greece and Rome, the Byzantine Era, the Romanesque Period, and the Gothic Period in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-102 Art History II**

Credits:

4.00

Description:

Surveys the art of Europe and America from the Renaissance to the present. Considers work of painting, sculpture, and architecture from periods such as the Renaissance, the Baroque, the Rococo, Neoclassicism, Romanticism, Impressionism, Abstract Impressionism, and Post-Modernism in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

Select two Art History elective courses.

Electives (2 courses, 6 credits)

Choose two studio courses.

Note: Studio electives are subject to approval of the Fine Arts program director.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Fine Arts

The Fine Arts program offers a broad investigation of the possibilities open to the developing artist and trains students to become active participants in the contemporary arts community.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Fine Arts Minor Requirements](#)
- [Fine Arts Courses](#)

Minor Requirements: 6 courses, 18 credits

BFA candidates may not double count major requirements towards the minor.

Art & Design BFA Candidates

Choose six Fine Arts studio courses.

Non-Art & Design Majors

- ADF-S101 Foundation Drawing I

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• **ADF-S102 Foundation Drawing II**

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the nude human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

Choose one of the following:

- **ADFA-S201 Drawing: Language of Light**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course is an extensive exploration of the human form and how it is represented in drawing. Refining their drawing skills, students use a variety of dry media (graphite, charcoal, pastel, collage) to articulate figure/plane

Term:

Offered Fall Term

- **ADFA-S251 Printmaking Studio**

Credits:

3.00

Description:

This course is designed to familiarize students with the printmaking studio and various techniques. Students will gain exposure to a number of techniques including non-toxic processes. Over the course of the semester, students will be expected to develop a portfolio of prints while working in class and independently.

Term:

Offered Fall Term

Choose one of the following 3-course sequences:

- **ADFA-S220 Drawing: Shifting Scales**

Prerequisites:

ADF-S102 or ADF-S502; ADF-S151 or ADF-S551;

Credits:

3.00

Description:

We live in a world of great contrasts in scale, where hand held screens can download Google earth and nanotechnologies can change the lives on entire continents. How do these shifts in scale alter our perceptions of space, and therefore change the way we understand and make drawings? This figure-based course uses descriptive observation as the starting point for addressing visual invention. Students will work from a model, using traditional figurative techniques to combine and contrast with digital imaging techniques, graphic novels, and various contemporary drawing approaches. A variety of wet and dry drawing media will be used with more experimental materials.

Term:

Offered Spring Term

- **ADFA-S361 Figure Studio: 2D**

Prerequisites:

ADF S123 AND ADFA S241

Credits:

3.00

Description:

This painting course is designed to provide an in-depth study and practice of two-dimensional contemporary figuration. Basing all students on the Masters and movements of the past, this course focuses on the methodology and effects of four major figurative painters from late-twentieth century through the present.

Term:

Offered Fall Term

- **ART-S211 Introduction to Painting**

Credits:

3.00

Description:

This introductory course is designed to encourage students with little or no knowledge of the use of various painting processes. The basic elements of painting are introduced in exercises enhanced by demonstrations and gallery visits. Students can choose to work with various painting mediums including oil, acrylic, or watercolor. Creative work is encouraged in a relaxed atmosphere where individual attention is given to students at various levels of ability. Please note: This is a 3-credit studio course.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

Or

• **ADF-S152 3-Dimensional Design**

Prerequisites:

ADF S151 or ADF S166; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

- **ADFA-S204 Sculptural Thinking**

Prerequisites:

Take ADF-S152

Credits:

3.00

Description:

Art is not just visual. Artists also think with their hands", understanding that engagement with the physical world is vital to the creative process, and often gives rise to unexpected and fruitful ideas. In this course, students will explore traditional and experimental sculptural processes in a spirit of directed play", focusing on both intuitive and critical responses to materials.

- **ADFA-S242 Sculpture Studio**

Prerequisites:

ADF S152

Credits:

3.00

Description:

A focused study on the language of dimensionality in sculpture, students will explore traditional and non-traditional materials. Issues of craft, concept and context will aid students in developing work that responds to currents in contemporary sculpture. This class will also provide students with a substantial grounding in 20th and 21st century sculptural theory and practice.

Term:

Offered Spring Term

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Fine Arts

The Fine Arts program offers a broad investigation of the possibilities open to the developing artist and trains students to become active participants in the contemporary arts community.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Fine Arts Minor Requirements](#)
- [Fine Arts Courses](#)

- **ADFA-304 Art and Architecture of the Italian Renaissance**

Prerequisites:

ADF-182 and the Fine Art Program Director's consent.

Credits:

4.00

Description:

This course introduces the students to Italian Renaissance art, artists and culture from the first evidence in the Italian Gothic (around the 1260's) to the Early and High Renaissance, predominantly in Florence and Venice, up to the 1600's. The course will survey the history of painting, sculpture and architecture as we study the works individually, for their formal elements and visual importance, but also within their aesthetic, historic, political and cultural context. Class discussion and a visual analysis of works of art will encourage personal interpretation and critical thinking. A list of terms related to the Renaissance introduces the language of art. Normally offered during the summer. Offered in Italy only.

- **ADFA-344 Islamic Spain: Art and Architecture**

Credits:

4.00

Description:

This course examines the Islamic influence in Spain through its art and architecture from its formative period in the eighth century through the fourteenth century and beyond to see the continuity and change of the Mozarabic style found locally in Madrid, Cordoba, Seville, and Granada. Students will use formal analytical skills to critically explore works of art and architecture and will cultivate a 'lens' through which they will facilitate their understanding of the classic and contemporary material culture and fabric of Spain. Class meetings will be supplemented with field trips. Offered as needed.

- **ADFA-346 Art of the Silk Road**

Credits:

4.00

Description:

This course will examine the arts and architecture of the Silk Road, with particular attention to art of Buddhism, Hinduism, and Islam. Historically, Inner Asia was marked by trade routes (the 'Silk Route' or 'Silk Road') which crisscrossed this vast landscape of deserts and mountains between China, India, the Iranian Plateau and the Mediterranean world. In addition to the art of these cultures, we will also look at the records of early Chinese travelers through Central Asia. (Formerly HUM 346) Offered as needed.

Type:

Asian Studies

- **ADFA-400 Fine Arts Internship**

Prerequisites:

Restricted to Juniors and Seniors

Credits:

3.00- 6.00

Description:

Fine Arts majors are required to complete an internship where they will apply their studio and academic skills in a professional setting. Internships enable students to enrich their perspective of the field by sampling the career paths available to them in the art and culture economy. Student interns work directly with established professional artists or with arts and cultural organizations such as museums, galleries, and arts councils. This experiential learning is critical for career preparation and is intended to foster personal growth, hone professional skills, and provide networking opportunities. The internship experience is paired with a faculty-led seminar that will reinforce new skills and provide a venue for inquiry, sharing, and reflection.

Term:

Offered Both Fall and Spring

- **ADFA-510 Fine Arts Undergraduate Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 3.00

Description:

An Independent Study provides the student with the opportunity to examine an issue of interest that falls outside the parameters of the existing curricula. The student will work on a one-on-one basis with a full-time faculty member to realize a particular and well-defined goal. All proposals for Independent Study must be approved by the Fine Art Program Director and Dean's Office in advance of the beginning of the semester during which the work will be completed. Normally available every semester.

- **ADFA-S201 Drawing: Language of Light**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course is an extensive exploration of the human form and how it is represented in drawing. Refining their drawing skills, students use a variety of dry media (graphite, charcoal, pastel, collage) to articulate figure/plane

Term:

Offered Fall Term

• ADF-A-S204 Sculptural Thinking

Prerequisites:

Take ADF-S152

Credits:

3.00

Description:

Art is not just visual. Artists also think with their hands", understanding that engagement with the physical world is vital to the creative process, and often gives rise to unexpected and fruitful ideas. In this course, students will explore traditional and experimental sculptural processes in a spirit of directed play", focusing on both intuitive and critical responses to materials.

• ADF-A-S212 Figure Painting: Issues in Contemporary Realism

Prerequisites:

Fine Art Program Director Approval needed

Credits:

3.00

Description:

This course functions as a lab for students to improve their painting skills. Working directly from the models, beginning and more advanced students will explore technique at their own level. Tri-weekly poses will allow in-depth investigation and complex images to develop. Students can work with the painting medium of their choice. Historical and contemporary painters will be used to further the students progress. Open to majors and non-majors.

Term:

Occasional

- **ADFA-S220 Drawing: Shifting Scales**

Prerequisites:

ADF-S102 or ADF-S502; ADF-S151 or ADF-S551;

Credits:

3.00

Description:

We live in a world of great contrasts in scale, where hand held screens can download Google earth and nanotechnologies can change the lives on entire continents. How do these shifts in scale alter our perceptions of space, and therefore change the way we understand and make drawings? This figure-based course uses descriptive observation as the starting point for addressing visual invention. Students will work from a model, using traditional figurative techniques to combine and contrast with digital imaging techniques, graphic novels, and various contemporary drawing approaches. A variety of wet and dry drawing media will be used with more experimental materials.

Term:

Offered Spring Term

- **ADFA-S241 Advanced Painting**

Prerequisites:

ADF S123.

Credits:

3.00

Description:

This course will involve the concepts and techniques of 20th and 21st century painting. Students develop an individual approach to non-objective and objective painted space. Open-ended assignments, lectures, critiques and discussions will clarify the work students produce. Substantial independent studio time allows students to focus on work that responds to contemporary issues in painting.

Term:

Offered Spring Term

- **ADFA-S242 Sculpture Studio**

Prerequisites:

ADF S152

Credits:

3.00

Description:

A focused study on the language of dimensionality in sculpture, students will explore traditional and non-traditional materials. Issues of craft, concept and context will aid students in developing work that responds to currents in contemporary sculpture. This class will also provide students with a substantial grounding in 20th and 21st century sculptural theory and practice.

Term:

Offered Spring Term

- **ADFA-S251 Printmaking Studio**

Credits:

3.00

Description:

This course is designed to familiarize students with the printmaking studio and various techniques. Students will gain exposure to a number of techniques including non-toxic processes. Over the course of the semester, students will be expected to develop a portfolio of prints while working in class and independently.

Term:

Offered Fall Term

- **ADFA-S271 Fine Arts Seminar I**

Prerequisites:

ADF S102 ADF S123, and ADF S152

Credits:

3.00

Description:

Fine Arts Seminar is designed as a vehicle for students to develop a personal relationship to contemporary art theory and practice. Questions are posed as a point of departure for the students to generate work. Visiting artists and weekly gallery and museum visits aid in examining aspects of current art making in order to assist students in creating a strong vision for their work. Restricted to Fine Arts Majors only.

Term:

Offered Fall Term

- **ADFA-S272 Fine Arts Seminar I**

Prerequisites:

ADFA S271

Credits:

3.00

Description:

A continuation of the first semester, this course aids students in recognizing the patterns and questions posed in their own studio practices. A large number of technical approaches to content will be explored.

Term:

Offered Spring Term

- **ADFA-S311 Contemporary Trends & Practices**

Prerequisites:

Intended for Majors only

Credits:

3.00

Description:

Contemporary Trends & Practices moves art theory into the studio and the studio out into the world. Students will look at the most significant artists and movements of the past 50 years while examining their social, cultural and political context. Canonized contemporary art categories (postmodernism, appropriation, anti-art and performance art are some examples) are assigned as group projects. Movements, strategy or style of art making is discussed as an expressive problem solving experience, blurring the lines between media. This course conflates contemporary art history with contemporary art practices.

Term:

Offered Fall Term

• ADFA-S342 Advanced Sculpture

Prerequisites:

ADFA S242

Credits:

3.00

Description:

In this course, students will explore contemporary sculptural issues, using a variety of found and generated materials. The process of installation, wall, floor, self-supported pieces and environmental works will be investigated.

Term:

Offered Spring Term

• ADFA-S344 Advanced Drawing Issues

Prerequisites:

Take ADFA-S272;

Credits:

3.00

Description:

This course has students assess their work of the past several years in order to determine current and future goals. Students use the tools they find in the relationship between 2D and 3D in order to define contemporary drawing for themselves.

Term:

Offered Fall Term

• ADFA-S345 Advanced Printmaking

Prerequisites:

ADFA S251 or instructor permission

Credits:

3.00

Description:

In Advanced Printmaking students will explore issues of technique, scale and multiple press runs that are not feasible within the context of the beginning Printmaking course. In this advanced course students will focus on a chosen area of traditional or contemporary print media, ranging from etching, digital imaging, lithography, paper molding, and photocopying, to relief and screen printing. Through the use of theory and developed skill, the course will allow students to create print-based works of an increasingly professional standard in both two and three dimensions. Students will undertake projects both as separate entities and as combined installed pieces, aimed at encouraging an individual, creative and professional approach to printmaking in the context of contemporary art practice.

Term:

Occasional

• ADFA-S361 Figure Studio: 2D

Prerequisites:

ADF S123 AND ADFA S241

Credits:

3.00

Description:

This painting course is designed to provide an in-depth study and practice of two-dimensional contemporary figuration. Basing all students on the Masters and movements of the past, this course focuses on the methodology and effects of four major figurative painters from late-twentieth century through the present.

Term:

Offered Fall Term

• **ADFA-S362 Figure Studio: 3D**

Prerequisites:

Take ADF-S152 ADFA-S361;

Credits:

3.00

Description:

This sculpture course considers the figure in its importance both as a historical element and as a reflection and definition of self. Established an understanding of the figurative form in the space by relating gesture and structure through manipulated form. Weight, mass, plane and volume are considered while working directly from the model.

Term:

Offered Spring Term

• **ADFA-S365 Advanced Figure Studio**

Credits:

3.00

Description:

This course is an extension of the Figure Studio 2D & 3D course. The focus will be on advanced figuration in relation to contemporary and historical works. Students will work in any media that pertains to their exploration of depiction and content. Students are expected to work in consultation with the professor in class and in their individual studios.

- **ADFA-S371 Fine Arts Seminar II**

Prerequisites:

ADFA S271 and ADFA S272

Credits:

3.00

Description:

In this third semester of the Seminar sequence, students are responsible for integrating their visual culture influences and references within an expanded body of work.

Term:

Offered Fall Term

- **ADFA-S372 Fine Arts Seminar II**

Prerequisites:

ADFA S271 and ADFA S272 and ADFA S371

Credits:

3.00

Description:

During this final Seminar semester, the focused studio practices of students are channeled into the development of their final thesis exhibition. The four-semester Fine Arts Seminar sequence.

Term:

Offered Spring Term

- **ADFA-S380 Advanced Seminar Projects**

Prerequisites:

Take ADFA-S272;

Credits:

3.00- 6.00

Description:

This course functions as a bridge between the undergraduate processes of Fine Arts Seminar and the postgraduate environment of the visual arts. Particular attention will be paid to the contexts used by students to define their work in relation to feedback of professional outside reviewers. Individual contracts between faculty and student will be developed at the beginning of each semester. Contracts will assess the priorities for the work and adapt studio practices for the creation of new work. A research component will be attached when awarding 4-6 credits.

Term:

Occasional

- **ADFA-S410 Senior Thesis**

Prerequisites:

Fine Arts Senior status required.

Credits:

3.00

Description:

This senior-level course readies the student for the furtherance of his or her career as a creative artist. Through the development of a written artist's statement, slide and electronic documentation and the charting of their individual artistic lineage, students will begin to place themselves within the context of the contemporary art world. Normally offered Spring semester.

Term:

Offered Spring Term

- **ADFA-S500 Fine Arts Directed Studio**

Prerequisites:

Fine Art Program Director Approval needed

Credits:

1.00- 6.00

Description:

The student completes a directed study project, either studio (ADFA S500) or non-studio (ADFA 500) under the supervision of a full time fine arts faculty member. Please see Directed Study elsewhere in this catalog for details. Independent study forms are available from the Office of the Academic Dean and Registrar. All independent study projects must be approved by the individual faculty member, the Fine Arts Program Director, and the NESADSU Chairman. Normally available every semester.

- **ADFA-S510 Fine Arts Independent Study**

Prerequisites:

Fine Art Program Director Approval needed

Credits:

1.00- 6.00

Description:

The student completes a directed study project, either studio or non-studio under the supervision of a fine arts faculty member. Please see Directed Study elsewhere in this catalog for details. Independent study forms are available from the Office of the Academic Dean and Registrar. All independent study projects must be approved by the individual faculty member, the Fine Arts Program Director, and the NESADSU Chairman.



2017-2018 Archived Catalog Information

Forensic Science

Forensic Science is broadly defined as the application of science to the criminal and civil laws that are enforced by police agencies in a criminal justice system. The Forensic Science minor is constructed to give students a broad foundation in the sciences underpinning forensic science, which will complement any major. However, the Forensic Science minor when taken with a science major will prepare the student for work in a testing or crime laboratory, as well as provide the required courses for entrance into master's or doctoral programs in forensic science.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Forensic Science Courses](#)

Minor Requirements: 5 courses and corresponding laboratories where applicable, 20 credits

Core Requirements (2 courses and corresponding laboratories, 8 credits)

- FS-103 Introduction to Forensic Science

Prerequisites:

FS-L103

Credits:

3.00

Description:

Application of the principles of forensic science in evaluating physical evidence, with emphasis on its role in criminal investigation. Class experiences may include guest lectures and field trips. 3-hour lecture. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **FS-L103 Introduction to Forensic Science Lab**

Prerequisites:

FS 103 concurrently

Credits:

1.00

Description:

Laboratory experiences related to the collection and analysis of physical evidence as performed by forensic science professionals. Experiments may include forensic microscopy, drug analysis, forensic serology, physical patterns, fingerprint and firearm evidence analysis techniques. 3-hour laboratory. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Explores the basic techniques of collecting and analyzing data from different types of instrumentation, including: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Students will apply these techniques to problems in chemistry, forensics, and environmental science.

Term:

Offered Fall Term

- **CHEM-L314 Instrumental Analysis Laboratory**

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style.

Term:

Offered Fall Term

Please note that CHEM-314 has the following prerequisites:

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

• **CHEM-L111 General Chemistry Laboratory I**

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **CHEM-112 General Chemistry II**

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently. MATH 104 placement or higher.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Both Fall and Spring

- **CHEM-L112 General Chemistry Laboratory II**

Prerequisites:

MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 MATHT-MPEL3 MATH-104 MATH-130 MATH-134 MATH-164 or MATH-165. CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Laboratory. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as the application of Beer's Law and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

- **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112 and CHEM-L112. CHEM-L211 must be taken concurrently.

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry.

Term:

Offered Both Fall and Spring

- **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

CHEM-112 and CHEM-L112. Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Both Fall and Spring

Electives (3 courses and corresponding laboratories where applicable, 12 credits)

Choose three of the following:

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-274 Genetics**

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO L274 concurrently;

Credits:

3.00

Description:

An examination of the basic principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, structure and function of chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, and population genetics.

Term:

Offered Fall Term

- **BIO-L274 Genetics Lab**

Prerequisites:

BIO-111, BIO-L111, BIO-114, and BIO-L114. Must be taken concurrently with BIO 274.

Credits:

1.00

Description:

Experiments designed to demonstrate principles presented in lecture, using a range of genetic model organisms that include *E. coli*, *B. subtilis*, *S. cerevisiae*, *D. melanogaster*, *S. fimicola*, and *C. elegans*.

Term:

Offered Fall Term

• CHEM-453 Introduction to Toxicology

Prerequisites:

CHEM-331 or instructor's consent

Credits:

3.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and target organ toxicity. Topics may include pesticides, neurotoxicants, toxicity of metals, and carcinogenesis/ mutagenesis. Examples will be drawn from forensic toxicology, as well as environmental and occupational toxicology.

Term:

Offered Every Other Year

• PHIL-363 Bio and Medical Ethics

Prerequisites:

Prerequisite: Phil 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral problems facing health-care practitioners, their patients, and others involved with the practice of medicine in today's society. Issues include euthanasia, the ethics of medical experimentation, the use of reproductive technologies, genetic counseling and genetic

engineering, truth-telling and confidentiality in doctor-patient relationships, the cost and availability of medical care. Normally offered every third year.

Term:

Occasional

- **PSYCH-348 Introduction to Forensic Psychology**

Prerequisites:

PSYCH 114. 54 credits or more only.

Credits:

4.00

Description:

The interface of psychology and the law will be examined in the context of forensic psychological evaluations performed for courts, attorneys and related agencies or facilities. Topics ranging from the role of psychologists in the courtroom, standards of practice, the detection of deception, civil commitment, and ethical issues in forensic psychology will be discussed. Legal standards and the assessment of competence to stand trial, insanity defenses, child abuse and neglect, and child custody/visitation will be explored. This course will review the theoretical and conceptual aspects of the psycho-legal issues in question as well as the practical applications of the skills and knowledge domains needed to perform forensic psychological evaluations. The study of relevant laws and regulations as applied to the interface of psychology and the law will be considered. Discussion will include specialized forensic topics such as expert testimony, the evaluation of sexual offenders, violence risk assessment, and forensic psychological testing.

- **SOC-232 Street Gangs**

Credits:

4.00

Description:

This course provides an overview of youth gangs and their sociological underpinnings, which are rooted in poverty and racism. Topical areas are discussed in relation to these key factors. Study topics include the history of gangs, theories about gang formation and individual membership, gangs and criminal behavior, socio-cultural importance of gangs, and strategies to control gang behavior. The course will utilize current gang issues in the US generally and in Massachusetts in particular as a basis to better understand the nuances of youth gangs.

- **SOC-234 Crime and Justice in American Society**

Credits:

4.00

Description:

An overview of issues and social variables involved in the pre-arrest and arrest stages followed by a more in-depth analysis of pre-trial, trial, sentencing, and correctional phases. Sociological and criminal justice models are examined and compared with the actual processes and purported functions of criminal justice agencies. Required for all majors in the Crime and Justice Concentration.

Term:

Offered Both Fall and Spring

- **SOC-236 Deviance and Social Control**

Credits:

4.00

Description:

Who and what is deviant? How shall the society respond? The course examines a range of deviance theories and associated social policies. A number of case studies will be used to evaluate these theories, such as body piercing, witchcraft, gay and lesbian sexuality, corporate crime, disability, prostitution, violence against women, racism, anti-Semitism, and gangs.

Term:

Offered Both Fall and Spring

- **SOC-242 Law, Health & Human Rights**

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

Term:

Occasional

Note:

Students may use no more than two courses from a major to fulfill requirements for the minor. No more than one course from this minor may count toward the fulfillment of a second minor.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Forensic Science

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Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Forensic Science Courses](#)

- FS-103 Introduction to Forensic Science

Prerequisites:

FS-L103

Credits:

3.00

Description:

Application of the principles of forensic science in evaluating physical evidence, with emphasis on its role in criminal investigation. Class experiences may include guest lectures and field trips. 3-hour lecture. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **FS-L103 Introduction to Forensic Science Lab**

Prerequisites:

FS 103 concurrently

Credits:

1.00

Description:

Laboratory experiences related to the collection and analysis of physical evidence as performed by forensic science professionals. Experiments may include forensic microscopy, drug analysis, forensic serology, physical patterns, fingerprint and firearm evidence analysis techniques. 3-hour laboratory. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **FS-303 Introduction to Forensic Science**

Credits:

3.00

Description:

Application of the principles of forensic science in evaluating physical evidence, with emphasis on its role in criminal investigation. Class experiences may include guest lectures and field trips. 3-hour lecture. Normally offered Fall/Spring Does not satisfy University Natural Science requirement.

Term:

Offered Both Fall and Spring

- **FS-L303 Introduction to Forensic Science Lab**

Prerequisites:

FS 303 concurrently and instructor's permission

Credits:

1.00

Description:

Laboratory experiences related to the collection and analysis of physical evidence as performed by forensic science professionals. Experiments may include forensic microscopy, drug analysis, forensic serology, physical patterns, fingerprint and firearm evidence analysis techniques. 3-hour laboratory. Normally offered Fall/Spring.

Term:

Offered Both Fall and Spring

- **FS-428 Criminalistics Practicum**

Prerequisites:

Instructor's permission is required for registration

Credits:

1.00- 4.00

Description:

The practicum involves participation in government crime laboratories, private forensic laboratories, private analytical chemical laboratories (including biomedical laboratories), a forensic science project at Suffolk University or other laboratories where the student can demonstrate that he or she can acquire skills applicable to forensic analysis. Students are encouraged to seek a practicum sponsor that suits his/her skills and interests; assistance may be provided by the Forensic Science Program Director. Participation at the laboratories is subject to requirements of the particular laboratory and

will be open only to those students approved by the Forensic Science Director. Development of a research report and poster presentation to the department are required elements. Depending on the project undertaken, students may obtain ECR credit.

Term:

Offered Both Fall and Spring

• FS-429 Criminalistics Practicum II

Prerequisites:

Instructor's permission is required for registration

Credits:

1.00- 4.00

Description:

The practicum involves participation in government crime laboratories, private forensic laboratories, private analytical chemical laboratories (including biomedical laboratories), a forensic science project at Suffolk University or other laboratories where the student can demonstrate that he or she can acquire skills applicable to forensic analysis. Students are encouraged to seek a practicum sponsor that suits his/her skills and interests; assistance may be provided by the Forensic Science Program Director. Participation at the laboratories is subject to requirements of the particular laboratory and will be open only to those students approved by the Forensic Science Director. Development of a final research report and oral presentation to the department and the SU community are required elements. Depending on the project undertaken, students may obtain ECR credit.



2017-2018 Archived Catalog Information

French

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [French Major Requirements](#)
- [French Minor Requirements](#)
- [Honors](#)
- [French Courses](#)

Major Requirements: 9 courses, 30-33 credits

Core Requirements (4 courses, 13 credits)

- CAS-201 College to Career: Explore Your Options And Find Your Path

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continues to review grammar, practice speaking, and explore authentic cultural and literary texts in this writing-intensive course. Examines short readings, films, and print media.

Term:

Offered Spring Term

Type:

Modern Language

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

Explores the francophone world through the study of short stories, print media, and film, by engaging with the rich textured and diverse francophone literary canon. Teaches advance notions of French grammar, write compositions, and the art of conversation related to cultural themes.

Term:

Alternates Fall & Spring

- **FR-206 Composition, Conversation and Professional Development**

Prerequisites:

FR-202

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

Students who choose to study for two months in CAVILAM, our intensive summer language partner program in Vichy, France will earn eight credits for FR-201 and FR-202. To qualify for admittance to either major, a student must complete the requirement with an average of "B" or higher.

Advanced Literature Courses (2 courses, 8 credits)

Choose two of the following:

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

Analyzes and discusses canonical works of French literature from medieval times to the eighteenth century.

Term:

Offered Fall Term

Type:

Studies in Literature

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

Study, analyze and discuss canonical works of French-language literature from the nineteenth through the twenty-first centuries, as they relate to important events in the art, culture, and history of the Francophone world.

Term:

Offered Spring Term

Type:

Studies in Literature

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

Explores the theme of love and its manifestation in representative works while being aware of the evolution of French Literature. Addresses various thematics that accompany a traditional survey of literature course such as critical discourse, aesthetic representation, literary movements, genre, construction of sexual identities, sexual politics as well as representations of ethnicity, class, and culture.

Term:

Occasional

Type:

Studies in Literature

• **FR-318 Face in the Mirror: Writing & Reflecting the Self in French**

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

Examines literature in the French language focusing on memoir, essay, and autobiography. Read authors such as, Montaigne, Rousseau, Lamartine, Colette, Duras, Beauvoir, Le, Chamoiseau, Djebbar, Conde, Ernaux, Genet, and Satrapi. Develops an appreciation of the differences between autobiography and autofiction. Explores the question of truth and the fallibility of memory.

Type:

Studies in Literature

Electives (3 courses, 9-12 credits)

Choose three of the following courses:

- **FR-214 Marie Antoinette, Fashion Revolutionary**

Credits:

4.00

Description:

Explores the French Enlightenment and its culture leading up to the French revolution through a focus on one significant figure: Marie-Antoinette. Examines the relationship of female image and the body politic of eighteenth-century France. Considers the legacy of Marie-Antoinette as martyr and fetish object in the nineteenth and twentieth centuries, and focuses on her continuing relevance today. Topics include: women and power; fashion and self-representation; motherhood and domesticity; and revolution and gender iconography. All work in French.

Term:

Occasional

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

Masterpieces of French and Francophone Literature in English Translation. Studies works translated into English by major authors from the Middle Ages to the present. Explores drama, fiction, and poetry from many regions of the world: Africa, Western Europe, North America, the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Studies in Literature

- **FR-220 French & Francophone Cinema**

Credits:

4.00

Description:

Discusses and deepens understanding of French and Francophone cinema from its origins in the late nineteenth century to the early twenty-first century. Explores early works from France, by the Lumiere Brothers and Georges Melies as well as contemporary films from France, Algeria, Burkina Faso, Canada, Haiti, and Senegal.

Term:

Occasional

- **FR-313 Island Fictions Identity**

Credits:

4.00

Description:

This class will explore the rich literary tradition of three Caribbean island-nations: Guadeloupe, Haiti, and Martinique. Class discussion will focus on a wide range of topics including: the different uses of Creole and French; the Negritude, Spiralisme, Antillanite and Creolite movements; the relationship between Africa and the African diaspora; gender and sexuality in the Caribbean; and postcolonial memory and post-colonial history as reflected in the work of prize-winning Caribbean women writers from the twentieth and twenty-first centuries. Normally offered alternate years. The class is taught in English, and is cross-listed with the Black Studies Program as well as the Women's and Gender Studies Program.

- **FR-316 Masterpieces of Theatre**

Prerequisites:

Take FR-205 and FR-305 or instructor's consent

Credits:

4.00

Description:

Studies the major plays written in French from the seventeenth through the twenty-first centuries, with a focus on the socio-historical contexts in which the plays emerged. Analyzes and produces scenes from the plays, and reads and performs select scenes at the end of the semester. Explores

authors such as Anouilh, Beckett, Césaire, Genet, Ionesco, Marivaux, Molière, Py, Racine, Reza, Sartre, and Schwarz-Bart.

- **FR-401 Special Topics in French and Francophone Studies**

Prerequisites:

FR-202

Credits:

4.00

Description:

Examines a range of topics in French and Francophone studies. Provides individualized guidance and promotes advanced-level research in the special topic area.

Term:

Occasional

- **FR-402 Internship in French-Speaking Workplace**

Prerequisites:

FR-101 and FR-102 and permission of instructor

Credits:

1.00- 4.00

Description:

Designed to enable students to work in a local organization in which the French language and/or Francophone culture is a focus. Libraries, cultural centers, embassies, restaurants and bakeries are some places where this independent study course will carry variable credit, depending on the number of hours devoted to the internship and the related academic work done by the student. Interested students should consult the instructor as they are applying for internships.

Students may take up to two courses taught in English to count towards their French major.

Note:

A maximum of four courses taken at other institutions, courses taken in our intensive summer language partner program with CAVILAM, or courses taken in a study abroad program in a French-speaking country can count toward the major.

AP Credit:

Incoming students who receive a score of "4" on the AP French language examination have earned 4 credits (Fr-201). Incoming students who receive a score of "5" on the AP French language examination have earned 8 credits (French 202 and a free elective).

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

French

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [French Major Requirements](#)
- [French Minor Requirements](#)
- [Honors](#)
- [French Courses](#)

Minor Requirements: 5 courses, 20 credits

Core Requirements (3 courses, 12 credits)

- FR-202 Intermediate French II

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continues to review grammar, practice speaking, and explore authentic cultural and literary texts in this writing-intensive course. Examines short readings, films, and print media.

Term:

Offered Spring Term

Type:

Modern Language

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

Explores the francophone world through the study of short stories, print media, and film, by engaging with the rich textured and diverse francophone literary canon. Teaches advance notions of French grammar, write compositions, and the art of conversation related to cultural themes.

Term:

Alternates Fall & Spring

- **FR-206 Composition, Conversation and Professional Development**

Prerequisites:

FR-202

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on

written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

Students who choose to study for two months in CAVILAM, our intensive summer language partner program in Vichy, France will earn eight credits for FR-201 and FR-202. To qualify for admittance to either major, a student must complete the requirement with an average of “B” or higher.

Advanced Literature Courses (2 courses, 8 credits)

Choose two of the following:

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

Analyzes and discusses canonical works of French literature from medieval times to the eighteenth century.

Term:

Offered Fall Term

Type:

Studies in Literature

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

Study, analyze and discuss canonical works of French-language literature from the nineteenth through the twenty-first centuries, as they relate to important events in the art, culture, and history of the Francophone world.

Term:

Offered Spring Term

Type:

Studies in Literature

• **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

Explores the theme of love and its manifestation in representative works while being aware of the evolution of French Literature. Addresses various thematics that accompany a traditional survey of literature course such as critical discourse, aesthetic representation, literary movements, genre, construction of sexual identities, sexual politics as well as representations of ethnicity, class, and culture.

Term:

Occasional

Type:

Studies in Literature

- **FR-318 Face in the Mirror: Writing & Reflecting the Self in French**

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

Examines literature in the French language focusing on memoir, essay, and autobiography. Read authors such as, Montaigne, Rousseau, Lamartine, Colette, Duras, Beauvoir, Le, Chamoiseau, Djébar, Conde, Ernaux, Genet, and Satrapi. Develops an appreciation of the differences between autobiography and autofiction. Explores the question of truth and the fallibility of memory.

Type:

Studies in Literature

Students may take one course taught in English to count toward their French minor.

Note:

A maximum of two courses taken at other institutions or as part of our intensive summer language partner program with CAVILAM can count toward the minor in French.

AP Credit:

Incoming students who receive a score of "4" on the AP French language examination have earned 4 credits (Fr-201). Incoming students who receive a score of "5" on the AP French language examination have earned 8 credits (French 202 and a free elective).

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

French

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [French Major Requirements](#)
- [French Minor Requirements](#)
- [Honors](#)
- [French Courses](#)

In order to be considered for honors in French, a student must satisfy the following criteria:

1. Students interested in honors should consult with the department chair during the spring semester of the junior year. Qualifying students must have a 3.2 overall GPA as well as a 3.5 GPA in French courses.
2. Honors candidates should register for FR-502 in the fall semester of the senior year. Under the guidance of a faculty member, they will use this course to complete a research paper. This paper will be evaluated by all professors in the student's field of study. If the evaluation is positive, the student will make an oral presentation of the paper in the spring.

- **FR-502 Honors Senior Thesis in French**

Prerequisites:

Senior Standing and permission of Dept. Chair.

Credits:

4.00

Description:

Undertakes a major research project completed under the supervision of a regular faculty member offered every fall semester.

Term:

Offered Fall Term



2017-2018 Archived Catalog Information

French

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [French Major Requirements](#)
- [French Minor Requirements](#)
- [Honors](#)
- [French Courses](#)

- FR-101 Elementary French I

Credits:

4.00

Description:

Develops reading, writing, speaking, and listening skills. Explores audio-visual and textual materials based on French and Francophone cultural themes.

Term:

Offered Fall Term

- FR-102 Elementary French II

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

Continues to develop reading, writing, speaking, and listening skills. Explores audio-visual and textual materials based on French and Francophone cultural themes.

Term:

Offered Spring Term

Type:

Modern Language

- **FR-201 Intermediate French I**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

Reviews grammar, practice speaking, and continues to explore authentic cultural and literary texts in this writing-intensive course. Examines short readings, films, and print media.

Term:

Offered Fall Term

Type:

Modern Language

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continues to review grammar, practice speaking, and explore authentic cultural and literary texts in this writing-intensive course. Examines short readings, films, and print media.

Term:

Offered Spring Term

Type:

Modern Language

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

Explores the francophone world through the study of short stories, print media, and film, by engaging with the rich textured and diverse francophone literary canon. Teaches advance notions of French grammar, write compositions, and the art of conversation related to cultural themes.

Term:

Alternates Fall & Spring

- **FR-206 Composition, Conversation and Professional Development**

Prerequisites:

FR-202

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

- **FR-214 Marie Antoinette, Fashion Revolutionary**

Credits:

4.00

Description:

Explores the French Enlightenment and its culture leading up to the French revolution through a focus on one significant figure: Marie-Antoinette. Examines the relationship of female image and the body politic of eighteenth-century France. Considers the legacy of Marie-Antoinette as martyr and fetish object in the nineteenth and twentieth centuries, and focuses on her continuing relevance today. Topics include: women and power; fashion and self-representation; motherhood and domesticity; and revolution and gender iconography. All work in French.

Term:

Occasional

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

Masterpieces of French and Francophone Literature in English Translation. Studies works translated into English by major authors from the Middle Ages to the present. Explores drama, fiction, and poetry from many regions of the world: Africa, Western Europe, North America, the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Studies in Literature

• **FR-220 French & Francophone Cinema**

Credits:

4.00

Description:

Discusses and deepens understanding of French and Francophone cinema from its origins in the late nineteenth century to the early twenty-first century. Explores early works from France, by the Lumiere Brothers and Georges Melies as well as contemporary films from France, Algeria, Burkina Faso, Canada, Haiti, and Senegal.

Term:

Occasional

• **FR-306 Composition, Conversation and Advanced Grammar**

Prerequisites:

FR-202;

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

Analyzes and discusses canonical works of French literature from medieval times to the eighteenth century.

Term:

Offered Fall Term

Type:

Studies in Literature

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

Study, analyze and discuss canonical works of French-language literature from the nineteenth through the twenty-first centuries, as they relate to important events in the art, culture, and history of the Francophone world.

Term:

Offered Spring Term

Type:

Studies in Literature

- **FR-313 Island Fictions Identity**

Credits:

4.00

Description:

This class will explore the rich literary tradition of three Caribbean island-nations: Guadeloupe, Haiti, and Martinique. Class discussion will focus on a wide range of topics including: the different uses of Creole and French; the Negritude, Spiralisme, Antillanite and Creolite movements; the relationship between Africa and the African diaspora; gender and sexuality in the Caribbean; and postcolonial memory and post-colonial history as reflected in the work of prize-winning Caribbean women writers from the twentieth and twenty-first centuries. Normally offered alternate years. The class is taught in English, and is cross-listed with the Black Studies Program as well as the Women's and Gender Studies Program.

- **FR-314 Marie Antoinette, Fashion Revolutionary**

Credits:

4.00

Description:

Explores the French Enlightenment and its culture leading up to the French revolution through a focus on one significant figure: Marie-Antoinette. Examines the relationship of female image and the body politic of eighteenth-century France. Considers the legacy of Marie-Antoinette as martyr and

fetish object in the nineteenth and twentieth centuries, and focuses on her continuing relevance today. Topics include: women and power; fashion and self-representation; motherhood and domesticity; and revolution and gender iconography. All work in French.

Term:

Occasional

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

Explores the theme of love and its manifestation in representative works while being aware of the evolution of French Literature. Addresses various thematics that accompany a traditional survey of literature course such as critical discourse, aesthetic representation, literary movements, genre, construction of sexual identities, sexual politics as well as representations of ethnicity, class, and culture.

Term:

Occasional

Type:

Studies in Literature

- **FR-316 Masterpieces of Theatre**

Prerequisites:

Take FR-205 and FR-305 or instructor's consent

Credits:

4.00

Description:

Studies the major plays written in French from the seventeenth through the twenty-first centuries, with a focus on the socio-historical contexts in which the plays emerged. Analyzes and produces scenes from the plays, and reads and performs select scenes at the end of the semester. Explores authors such as Anouilh, Beckett, Césaire, Genet, Ionesco, Marivaux, Molière, Puy, Racine, Reza, Sartre, and Schwarz-Bart.

• FR-318 Face in the Mirror: Writing & Reflecting the Self in French

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

Examines literature in the French language focusing on memoir, essay, and autobiography. Read authors such as Montaigne, Rousseau, Lamartine, Colette, Duras, Beauvoir, Le, Chamoiseau, Djébar, Conde, Ernaux, Genet, and Satrapi. Develops an appreciation of the differences between autobiography and autofiction. Explores the question of truth and the fallibility of memory.

Type:

Studies in Literature

• FR-320 French & Francophone Cinema

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumière brothers and George Méliès, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

- **FR-401 Special Topics in French and Francophone Studies**

Prerequisites:

FR-202

Credits:

4.00

Description:

Examines a range of topics in French and Francophone studies. Provides individualized guidance and promotes advanced-level research in the special topic area.

Term:

Occasional

- **FR-402 Internship in French-Speaking Workplace**

Prerequisites:

FR-101 and FR-102 and permission of instructor

Credits:

1.00- 4.00

Description:

Designed to enable students to work in a local organization in which the French language and/or Francophone culture is a focus. Libraries, cultural centers, embassies, restaurants and bakeries are some places where this independent study course will carry variable credit, depending on the number of hours devoted to the internship and the related academic work done by the student. Interested students should consult the instructor as they are applying for internships.

- **FR-410 Contemporary France**

Credits:

4.00

Description:

Studies a specific theme related to art, culture, history, literature and politics from the end of World War II to the present day.

Term:

Occasional

- **FR-422 Sejour Linguistique au CCFS-Sorbonne**

Prerequisites:

FR 201 and FR 202 or Instructor's Consent. Can take course for 1 term for 16 credits or 2 terms for 32 credits.

Credits:

4.00-16.00

Description:

Provides an immersion program in Vichy, France through a partnership with CCFS-Sorbonne, l'Universite de Paris IV. Students are housed with families, participate in excursions and take classes that are conducted entirely in French.

Term:

Offered Both Fall and Spring

- **FR-502 Honors Senior Thesis in French**

Prerequisites:

Senior Standing and permission of Dept. Chair.

Credits:

4.00

Description:

Undertakes a major research project completed under the supervision of a regular faculty member offered every fall semester.

Term:

Offered Fall Term

- **FR-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Pursues advanced studies in an area of particular interest under the supervision of a faculty member.

Term:

Occasional



2017-2018 Archived Catalog Information

Global & Cultural Communication

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Global & Cultural Communication Major Requirements](#)
- [Global & Cultural Communication Minor Requirements](#)
- [Accelerated Bachelor's/Master's Degree in Communication](#)
- [Honors](#)
- [Courses](#)

Major Requirements: 10 courses, 40 credits

Core Requirements (7 courses, 28 credits)

Note: All students should take CJNI-101 and CJNI-105 during their first year.

- **CJNI-101 Introduction to Communication**

Credits:

4.00

Description:

As an introduction to the communication discipline, this course examines the significance of communication to the symbolic construction of meaning. Students receive an overview of multiple forms of communication, including face-to-face, verbal/non-verbal, small group, intercultural, organizational, and mediated communication. The class devotes attention to the influence of culture on communication and to ethical complexities relating to communication.

Term:

Offered Both Fall and Spring

- **CJN-105 Principles of Oral Communication**

Credits:

4.00

Description:

Oral communication skills have been rated as vital to today's professional world. Students will learn these skills focusing on the three principal types of oral communication (interpersonal, team and public address). Sample assignments include creating a webinar, interviewing and team presentation. Specific attention will be given to communicating in diverse contexts, in an online environment, and for a diverse audience.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-112 Journalism I**

Credits:

4.00

Description:

An introductory news writing course designed to teach both the writing style used by journalists and basic techniques used for gathering and presenting information for general publication. The course emphasizes fundamental writing and reporting skills such as interviews, finding sources, and choosing essential facts. Students also introduced to feature news writing and are assigned to develop and write basic stories drawn from real-life situations.

Term:

Offered Both Fall and Spring

- **CJN-216 Intercultural Communication**

Credits:

4.00

Description:

An examination of communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures.

Term:

Offered Both Fall and Spring

- **CJN-270 Speaking Across Cultures**

Credits:

4.00

Description:

Helps students learn to communicate with and speak to culturally diverse audiences. Audience analysis, organizational patterns, speech creation, research skills, and delivery skills are all critical to understanding when interacting with diverse audiences. Provides students with opportunities for oral presentations and interactions in different contexts.

Term:

Occasional

- **CJN-470 Rhetoric and Global Context**

Credits:

4.00

Description:

Rhetoric is the strategic use of symbols to create meaning. Films, television, music, and new media communicate these meanings. Explores how rhetorical messages shape our personal and cultural identities. Topics include gender, social networking, food, politics, religion, and fashion.

Term:

Offered Fall Term

- **CJN-482 Cultural Theory and Practice Cultural Theory & Practice**

Prerequisites:

CJN-216

Credits:

4.00

Description:

In a world of globalization and multiculturalism, communication is critical to understanding. Explores theoretical approaches to communication and applies them to specific contexts. Emerging trends in global, ethical, legal, political and social communication issues are explored.

Term:

Offered Spring Term

Electives (3 courses, 12 credits)

Choose one of the following:

- **CJN-358 Family Communication**

Credits:

4.00

Description:

Looks at different family structures using communication concepts and theories as a focus to glance at family life. Communication issues include the creation of meaning and identity through storytelling, rules and roles, conflict, power, intimacy, and challenges to the family unit. Examines both

fictional and real families portrayed in television, movies, documentaries, as well as in fiction and non-fiction writing. Final projects include a paper and presentation about a family communication concept as applied to a family unit.

Term:

Occasional

- **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness, and change processes.

Term:

Offered Fall Term

Type:

Human Behavior & Societies

Choose two of the following:

- **ADPR-247 Design Lab**

Credits:

4.00

Description:

Computer applications for advertising and communication design. Using various graphical editing and design programs, students learn the theory and practice of design for layout, logos, and graphic elements in communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-257 Advertising**

Credits:

4.00

Description:

A survey course that introduces students to advertising concepts and practices from the perspective of agencies, clients, the media, and consumers. Students learn to think critically about advertising messages and learn practical techniques for developing effective advertising in various media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-289 Social Media**

Credits:

4.00

Description:

Social media sites such as Facebook, Instagram, Snapchat and Twitter are examined from a cultural and critical perspective. Students use of social media for community formation, social presence, identity building, and social activism. The roles of advertising, public relations, and branding are examined.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-489 Political Communication**

Credits:

4.00

Description:

Examination of special circumstances created by politics and their impact on attempts at persuasion. Case studies of famous politicians' political campaigns are combined with discussions of current trends in media and politics.

Term:

Occasional

- **ADPR-2277 Public Relations I: Principles**

Credits:

4.00

Description:

Effective public relations involve an understanding of the history, theory, and practice of public relations including public relations concepts, the role of the practitioner, and the foundations of public relations. This course seeks to provide that foundation as an introduction to the field of public relations. Issues surrounding the history, legality, process, and principles of public relations are explored.

Term:

Offered Both Fall and Spring

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

- **CJN-225 World Cinema**

Credits:

4.00

Description:

An introductory course in film studies with a focus on foreign films. Movies studied include masterpieces of cinema from Europe, Asia, the Middle East, and other nations (Films have subtitles).

Term:

Alternates Fall & Spring

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television, and new media technologies develop, and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

By examining the film texts of Hong Kong auteurs such as John Woo, Wong Kar-wai, Tsui Hark, Andrew Lau, and Alan Mak, the course examines issues such as film genres, colonization/decolonization, transnational political economy, the Greater Chinese media market, and the diaspora.

Term:

Occasional

- **CJN-335 Persuasion**

Credits:

4.00

Description:

Analysis of persuasive techniques particularly those used by communicators in their attempt to gain public acceptance.

Term:

Offered Spring Term

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

A critique of the circulation of media goods and ideologies from both a cultural and political/economic perspective. Topics include global Hollywood, the images of Muslim women in transnational media, the information society, and global social movements.

Term:

Offered Spring Term

• **CJN-2355 Production I**

Prerequisites:

CJN-152

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Global & Cultural Communication

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Global & Cultural Communication Major Requirements](#)
- [Global & Cultural Communication Minor Requirements](#)
- [Accelerated Bachelor's/Master's Degree in Communication](#)
- [Honors](#)
- [Courses](#)

Minor Requirements: 5 courses, 20 credits

- **CJN-216 Intercultural Communication**

Credits:

4.00

Description:

An examination of communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures.

Term:

Offered Both Fall and Spring

- **CJN-270 Speaking Across Cultures**

Credits:

4.00

Description:

Helps students learn to communicate with and speak to culturally diverse audiences. Audience analysis, organizational patterns, speech creation, research skills, and delivery skills are all critical to understanding when interacting with diverse audiences. Provides students with opportunities for oral presentations and interactions in different contexts.

Term:

Occasional

- **CJN-470 Rhetoric and Global Context**

Credits:

4.00

Description:

Rhetoric is the strategic use of symbols to create meaning. Films, television, music, and new media communicate these meanings. Explores how rhetorical messages shape our personal and cultural identities. Topics include gender, social networking, food, politics, religion, and fashion.

Term:

Offered Fall Term

- **CJN-482 Cultural Theory and Practice Cultural Theory & Practice**

Prerequisites:

CJN-216

Credits:

4.00

Description:

In a world of globalization and multiculturalism, communication is critical to understanding. Explores theoretical approaches to communication and applies them to specific contexts. Emerging trends in global, ethical, legal, political and social communication issues are explored.

Term:

Offered Spring Term

Choose one of the following:

- **CJN-225 World Cinema**

Credits:

4.00

Description:

An introductory course in film studies with a focus on foreign films. Movies studied include masterpieces of cinema from Europe, Asia, the Middle East, and other nations (Films have subtitles).

Term:

Alternates Fall & Spring

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

By examining the film texts of Hong Kong auteurs such as John Woo, Wong Kar-wai, Tsui Hark, Andrew Lau, and Alan Mak, the course examines issues such as film genres, colonization/decolonization, transnational political economy, the Greater Chinese media market, and the diaspora.

Term:

Occasional

- **CJN-358 Family Communication**

Credits:

4.00

Description:

Looks at different family structures using communication concepts and theories as a focus to glance at family life. Communication issues include the creation of meaning and identity through storytelling, rules and roles, conflict, power, intimacy, and challenges to the family unit. Examines both fictional and real families portrayed in television, movies, documentaries, as well as in fiction and non-fiction writing. Final projects include a paper and presentation about a family communication concept as applied to a family unit.

Term:

Occasional

- **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness, and change processes.

Term:

Offered Fall Term

Type:

Human Behavior & Societies

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

A critique of the circulation of media goods and ideologies from both a cultural and political/economic perspective. Topics include global Hollywood, the images of Muslim women in transnational media, the information society, and global social movements.

Term:

Offered Spring Term

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Global & Cultural Communication

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Global & Cultural Communication Major Requirements](#)
- [Global & Cultural Communication Minor Requirements](#)
- [Accelerated Bachelor's/Master's Degree in Communication](#)
- [Honors](#)
- [Courses](#)

Degree Requirements

1. Students admitted to this dual degree program must meet all the requirements of an undergraduate degree program within the departments of Communication & Journalism or Advertising, Public Relations, & Social Media.
2. Student must also meet all requirements for the Master's degree in Communication.
3. Students will take two Communication graduate courses during their senior year; one during the fall semester and one during the spring semester. The two graduate courses taken during the senior year will count toward BOTH the undergraduate and graduate degree requirements. Credit hours will be awarded based on the graduate course description.
4. The graduate courses taken during the senior year will be determined by the Communication graduate program director.
5. Students are subject to the usual standards for academic standing, i.e., undergraduate standards for undergraduate courses and graduate standards for graduate courses.

Upon successful completion of all of the degree requirements, a student will receive a dual Bachelor's and Master's degree. The exact degree will be awarded based on the specific undergraduate program the student completes. A student may permanently exit the dual degree program and opt to graduate with a Bachelor's degree if all the requirements for a Bachelor's degree have been met. In this case, the graduate courses taken in the senior year will be counted as 4-credit courses applied toward the undergraduate degree requirements.



2017-2018 Archived Catalog Information

Global & Cultural Communication

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- [Honors](#)
- [Courses](#)

Majors in the Communication and Journalism Department who have completed a minimum of 20 credits of CJN coursework, and hold a GPA of 3.4 in the major and a 3.0 or higher GPA overall may enroll in CJN-506 Honors Seminar during their senior year. In this course, students are guided in writing a major research paper, enhancing their research, writing, and analytical skills. This paper also is presented orally to CJN faculty members. For further details, contact the department.

- **CJN-506 Honors Seminar**

Prerequisites:

Senior CJN majors with an overall cumulative grade point average of 3.0, and a major GPA of 3.4; or instructor consent

Credits:

4.00

Description:

Senior CJN majors meeting requirements for Departmental Honors are invited to participate in this seminar, which entails research and presentation of an approved topic.

Term:

Offered Spring Term



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Academic Catalogs

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2017-2018 Archived Catalog Information

Global & Cultural Communication

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Global & Cultural Communication Major Requirements](#)
- [Global & Cultural Communication Minor Requirements](#)
- [Accelerated Bachelor's/Master's Degree in Communication](#)
- [Honors](#)
- [Courses](#)

- CJN-101 Introduction to Communication

Credits:

4.00

Description:

As an introduction to the communication discipline, this course examines the significance of communication to the symbolic construction of meaning. Students receive an overview of multiple forms of communication, including face-to-face, verbal/non-verbal, small group, intercultural, organizational, and mediated communication. The class devotes attention to the influence of culture on communication and to ethical complexities relating to communication.

Term:

Offered Both Fall and Spring

- **CJN-103 Principles of Oral Communication**

Credits:

4.00

Description:

Oral communication skills have been rated as vital to today's professional world. Students will learn these skills focusing on the three principal types of oral communication (interpersonal, team and public address). Sample assignments include creating a webinar, interviewing and team presentation. Specific attention will be given to communicating in diverse contexts, in an online environment, and for a diverse audience.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-105 Principles of Oral Communication**

Credits:

4.00

Description:

Oral communication skills have been rated as vital to today's professional world. Students will learn these skills focusing on the three principal types of oral communication (interpersonal, team and public address). Sample assignments include creating a webinar, interviewing and team presentation. Specific attention will be given to communicating in diverse contexts, in an online environment, and for a diverse audience.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-112 Journalism I**

Credits:

4.00

Description:

An introductory news writing course designed to teach both the writing style used by journalists and basic techniques used for gathering and presenting information for general publication. The course emphasizes fundamental writing and reporting skills such as interviews, finding sources, and choosing essential facts. Students also introduced to feature news writing and are assigned to develop and write basic stories drawn from real-life situations.

Term:

Offered Both Fall and Spring

• **CJN-114 Great Works of Journalism**

Credits:

4.00

Description:

An examination of important contributions to the literature of journalism through an analysis of major writers and news coverage of significant events from a journalistic perspective.

Term:

Occasional

Type:

Social & Intellectual HST

• **CJN-152 Visual Aesthetics**

Credits:

4.00

Description:

This course provides an introduction to a humanities approach to a range of media, including but not limited to film and television. The course helps students develop visual literacies, enriching their understanding of multiple forms of media. The class also explores how media texts are constructed for specific cultural, entertainment, informative and propaganda purposes.

Term:

Offered Both Fall and Spring

- **CJN-177 Professional Communication**

Credits:

4.00

Description:

An introduction to the processes of professional communication, with emphasis on oral presentations, report writing, effective listening, and interpersonal communication in the business environment.

Term:

Occasional

- **CJN-H177 Honors Professional Communication**

Prerequisites:

3.2GPA

Credits:

4.00

Description:

An honors-level introduction to the processes of professional communication, with emphasis on oral presentations, report writing, effective listening and interpersonal communication in the business environment.

Term:

Occasional

Type:

Honors

- **CJN-210 Communication Research Statistics**

Credits:

4.00

Description:

The course develops an understanding of how statistics are used in the presentation of information and arguments in Communication and Journalism. Emphasizing a conceptual approach to learning statistics, the course focuses on data collection and summarization, correlation, regression, sampling, estimation, and tests of significance. Students perform basic statistical calculations using SPSS software.

Term:

Offered Both Fall and Spring

- **CJN-212 Journalism II**

Prerequisites:

CJN 112

Credits:

4.00

Description:

Modern reporting techniques are examined and applied to writing full-length news and feature news stories, with an emphasis on investigative journalism. The course includes an introduction to and an analysis of alternative or new journalism," combined with the survey of journalistic styles and standards as they evolved in the U.S. and international press over the last century.

Term:

Offered Both Fall and Spring

- **CJN-214 Professional Writing**

Credits:

4.00

Description:

Provides students with the opportunity to develop their writing style for a professional audience. Memo writing, report writing, letter writing, and other common writing situations for business professionals are considered.

Term:

Occasional

- **CJN-215 Interpersonal Communication**

Credits:

4.00

Description:

Analysis of communication behavior in individual and group environments. Topics include conflict, leadership, common communication difficulties, communication roles, and reflective thinking.

Term:

Occasional

- **CJN-216 Intercultural Communication**

Credits:

4.00

Description:

An examination of communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures.

Term:

Offered Both Fall and Spring

- **CJN-217 Gay and Lesbian Studies**

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social, and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions, and social movements.

Term:

Alternates Fall & Spring

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

- **CJN-219 Rhetoric of Protest and Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **CJN-222 Leadership and Communication**

Credits:

2.00

Description:

This course explores different definitions, perspectives, and strategies of leadership, with the goals of developing a better understanding of the concept as well as the students' own styles of leadership. The course examines the components of leadership including power, credibility, motivation, styles, situations, and followership.

Term:

Offered Both Fall and Spring

- **CJN-225 World Cinema**

Credits:

4.00

Description:

An introductory course in film studies with a focus on foreign films. Movies studied include masterpieces of cinema from Europe, Asia, the Middle East, and other nations (Films have subtitles).

Term:

Alternates Fall & Spring

- **CJN-235 Argument and Advocacy**

Credits:

4.00

Description:

Modern applications of argument in political, social, and legal situations. Emphasis on development of arguments, analysis, use of evidence, and delivery of oral and written assignments.

Term:

Offered Fall Term

- **CJN-239 Media Law**

Credits:

4.00

Description:

Explores the legal rights, responsibilities, and constraints on the media and on media professionals. Focus on defamation, copyright, obscenity, broadcast regulation, and media-related tort law.

Term:

Offered Both Fall and Spring

- **CJN-245 Forensics**

Credits:

1.00- 8.00

Description:

Intensive research on topics in debate and active participation in the University forensics program. ECR

Term:

Offered Spring Term

- **CJN-247 Design Lab**

Credits:

4.00

Description:

Computer applications for advertising and communication design. Using various graphical editing and design programs, students learn the theory and practice of design for layout, logos, and graphic elements in communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-253 Broadcast Journalism**

Prerequisites:

Take CJN-112;

Credits:

4.00

Description:

Introduces students to newswriting, production, and performance techniques for radio and television. Students write, produce, and perform new packages as part of the course.

Term:

Offered Both Fall and Spring

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television, and new media technologies develop, and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **CJN-257 Advertising**

Credits:

4.00

Description:

A survey course that introduces students to advertising concepts and practices from the perspective of agencies, clients, the media, and consumers. Students learn to think critically about advertising messages and learn practical techniques for developing effective advertising in various media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-258 Sports Public Relations**

Credits:

4.00

Description:

The application of public relations strategies and techniques to college and professional sports.

Term:

Alternates Fall & Spring

- **CJN-259 Sports Public Relations**

Credits:

4.00

Description:

The application of Public Relations strategies and techniques in college and professional sports.

Term:

Occasional

- **CJN-265 Small Group & Team Communication**

Credits:

4.00

Description:

Analysis of the concepts and theories of communication in small groups and teams. Improvement of problem-solving, decision-making, analysis, and evaluation skills in the team environment. The study and practice of merging trends in team dialogue, team learning, team development, and leadership.

Term:

Occasional

- **CJN-270 Speaking Across Cultures**

Credits:

4.00

Description:

Helps students learn to communicate with and speak to culturally diverse audiences. Audience analysis, organizational patterns, speech creation, research skills, and delivery skills are all critical to understanding when interacting with diverse audiences. Provides students with opportunities for oral presentations and interactions in different contexts.

Term:

Occasional

- **CJN-277 Public Relations I: Principles**

Prerequisites:

This course is now being offered as CJN-2277

Credits:

4.00

Description:

The basic principle techniques and processes of public relations are examined. Issues, trends, opportunities, and problems faced by the practitioner and impacting the organization are analyzed.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-281 Asian Popular Culture**

Credits:

4.00

Description:

Students critically analyze Asian popular culture since the 1980s using a cultural ethnographic approach. Students apply the lenses of gender, identity, globalization, and business strategies to examine pop phenomena such as Korean Wave, Cool Japan, and Cantonese popular music.

Term:

Occasional

- **CJN-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media on contemporary society. Television, radio, film, and print formats are discussed in terms of their persuasive impact on mass culture in the U.S.. Focus is on the period 1950-1970.

Term:

Offered Spring Term

- **CJN-287 Media Criticism**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Critical examination of various mass media including film, television, radio, music, newspapers and magazines. Theories of media criticism discussed and applied to specific media or media products.

Term:

Offered Spring Term

- **CJN-288 Film Language: From Silents to Citizen Kane**

Credits:

4.00

Description:

Film history from 1895 - 1940. An introduction to the language and technology of cinema as developed by pioneering filmmakers, and a basic discussion of aesthetics and criticism of film. Key films from the silent era through Orson Welles' Citizen Kane.

Term:

Offered Both Fall and Spring

- **CJN-291 Film Studies: the Modern Era**

Credits:

4.00

Description:

Film history mostly from 1940 until 1970. Includes an emphasis on film aesthetics, criticism, and history from World War II through the end of the Hollywood studio system; from film noir to Italian Neo-Realism to the French New Wave.

Term:

Alternates Fall & Spring

- **CJN-292 Film History: From Silent Cinema to the Modern Era**

Credits:

4.00

Description:

An introductory film studies course that covers the history of the film medium from its birth until the 1970s. It provides an introduction to major film theory concepts, such as genre and/or auteur studies, as well as key films and stars in movie history.

Term:

Alternates Fall & Spring

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

By examining the film texts of Hong Kong auteurs such as John Woo, Wong Kar-wai, Tsui Hark, Andrew Lau, and Alan Mak, the course examines issues such as film genres, colonization/decolonization, transnational political economy, the Greater Chinese media market, and the diaspora.

Term:

Occasional

- **CJN-297 New Media New Markets**

Credits:

4.00

Description:

Explores current trends in advertising and public relations. Examines new media choices in cable, direct response and the Internet and their impact on these professions. Includes an analysis of new markets in Generation X, Generation Y, and in the international and ethnic communities.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-301 Documentary Film and the Image of Conflict in the Middle East**

Credits:

4.00

Description:

The course focus is on some of the divisions and conflicts within Israeli society. Students analyze and compare mainstream media discourse to alternative representations in documentary film. Analysis also covers media representation of the Israeli-Palestinian conflict.

Term:

Occasional

- **CJN-313 Advanced Reporting**

Prerequisites:

Take CJN-112 and CJN-212;

Credits:

4.00

Description:

The principles and techniques of advanced news and investigative reporting are studied and applied. Students develop, organize, and write detailed news and news-feature stories based on original research. Each student is assigned a real-life news beat or news project to work on throughout the semester.

Term:

Occasional

- **CJN-315 Global & Cultural Scripts**

Prerequisites:

CJN-216;

Credits:

4.00

Description:

Understanding how people interact is critical to building relationships in personal and professional settings. The concept of scripts refers to ways of understanding and articulating cultural norms, values and behaviors. Scripts help us identify patterns of communication and creation of identity. This course will explore the concepts of scripts in a variety of contexts and situations including interpersonal communication and organizational communication.

Term:

Occasional

- **CJN-317 Copy Editing**

Prerequisites:

CJN 112 or CJN 113

Credits:

4.00

Description:

A study of the fundamentals of copy editing, newspaper typography, and makeup.

Term:

Offered Fall Term

- **CJN-L318 Advanced Photojournalism**

Prerequisites:

CJN-L218

Credits:

4.00

Description:

An in-depth analysis of the field of photojournalism. Emphasis is on the development of photo essays and the visual impact of photography on print media.

Term:

Offered Spring Term

- **CJN-321 Research Methods in Communication**

Credits:

4.00

Description:

Students learn the research traditions in communication grounded in the humanities and social sciences. They are exposed to an array of qualitative methods, with in-depth study of select methodologies. Students learn how to read scholarly articles, write in an academic style, and design a research project.

Term:

Alternates Fall & Spring

- **CJN-325 World Cinema**

Credits:

4.00

Description:

This course examines films from cultures around the globe, including masterpieces of cinema from European, Asian, South American, and African nations. (Films are often subtitled.)

Term:

Occasional

- **CJN-335 Persuasion**

Credits:

4.00

Description:

Analysis of persuasive techniques particularly those used by communicators in their attempt to gain public acceptance.

Term:

Offered Spring Term

- **CJN-340 Health Communication**

Credits:

4.00

Description:

Examines the important functions performed by human and mediated communication for health care consumers and providers. The course focus is on the use of communication strategies to inform and influence individual and community decisions regarding health.

Term:

Occasional

- **CJN-343 Advanced Feature Writing**

Prerequisites:

Take CJN-112 and CJN-212;

Credits:

4.00

Description:

Emphasizes in-depth development of articles in the style of narrative journalism for magazines and other publications.

Term:

Occasional

- **CJN-347 Media Planning**

Prerequisites:

CJN 257

Credits:

4.00

Description:

The planning and purchasing of advertising space and time. Examines media costs, budgets, and media strategy for different audiences and markets.

Term:

Offered Both Fall and Spring

- **CJN-353 Broadcast Journalism II**

Prerequisites:

Take CJN-2355 (formerly CJN-355) and CJN-253

Credits:

4.00

Description:

Advanced work in newswriting, production, and performance techniques for television. Students report, write, and produce news packages, with emphasis on increasing the depth, breadth, and frequency of reporting. Work also includes gathering, organizing, and evaluating the newsworthiness of information, evaluating the credibility of sources, writing the story, and producing broadcast quality work. Cannot be taken concurrently with CJN 483.

Term:

Alternates Fall & Spring

• CJN-354 Digital Cinema

Credits:

4.00

Description:

Students study cinematography techniques and theory, putting them into practical application in various projects using video cameras, lighting, and composition to create images and scenes. Students produce work in multiple environments including stage and on-location shoots.

Term:

Occasional

• CJN-355 Media Production

Prerequisites:

This course is now being offered as CJN-2355

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

- **CJN-356 TV Studio Production**

Credits:

4.00

Description:

Provides students with a hands-on introduction to the process of planning, preparing, producing, and evaluating studio productions. Students are exposed to the elements and terminology of a multi-camera studio with live switching, audio mixing, and studio lighting. Students produce interviews, public service announcements, and a live variety/talk show.

Term:

Offered Both Fall and Spring

- **CJN-357 Post Production**

Credits:

4.00

Description:

An exploration into the activities that wrap up the creation of films and television programs. Students create and add motion-graphics and visual effects to edited programs, generating output for videotape, the web, and DVD platforms.

Term:

Occasional

- **CJN-358 Family Communication**

Credits:

4.00

Description:

Looks at different family structures using communication concepts and theories as a focus to glance at family life. Communication issues include the creation of meaning and identity through storytelling, rules and roles, conflict, power, intimacy, and challenges to the family unit. Examines both fictional and real families portrayed in television, movies, documentaries, as well as in fiction and non-fiction writing. Final projects include a paper and presentation about a family communication concept as applied to a family unit.

Term:

Occasional

- **CJN-359 Advertising Copy**

Prerequisites:

CJN 257

Credits:

4.00

Description:

Continuation of basic advertising, with an emphasis on practical advertising and advertising campaigns.

Term:

Offered Both Fall and Spring

- **CJN-361 Television News Producing**

Prerequisites:

CJN-2355 (formerly CJN-355) and CJN-253

Credits:

4.00

Description:

Students produce news segments, series, and/or specials leading to broadcast quality products. Emphasis is on the pacing, timing, and flow of newscasts, as well as pre-production, tease(script and on-camera) and the issues of an audience and professional ethics. Cannot be taken concurrently with CJA 483

Term:

Alternates Fall & Spring

- **CJA-363 Online Journalism**

Prerequisites:

CJA-253

Credits:

4.00

Description:

The development and implementation of news stories for web media. Emphasis is on the narrative form in the integration of writing, video, sound, and photography in producing news content for the web.

Term:

Alternates Fall & Spring

- **CJA-365 American Cinema**

Credits:

4.00

Description:

Trends in Hollywood and U.S. independent cinema from 1970 onwards, including maverick directors, Hollywood blockbusters, and, when possible, class visits by New England-based filmmakers.

Term:

Occasional

- **CJN-366 Great Film Directors**

Credits:

4.00

Description:

An in-depth look at the films of one great film director, either American or foreign, demonstrating how the filmmaker develops his/her themes over the course of a career. Can be taken for credit more than once, but only counts once towards the major. A different director is studied each time.

Term:

Occasional

- **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness, and change processes.

Term:

Offered Fall Term

Type:

Human Behavior & Societies

- **CJN-377 Public Relations III: Writing**

Prerequisites:

CJN-277; This course is now being offered as CJN-3377

Credits:

4.00

Description:

An applied course that focuses on Public Relations research methods, the development of persuasive messages, and the selection, development and editing of appropriate materials used to communication with an organization's stakeholders.

Term:

Offered Both Fall and Spring

• CJN-378 Event Planning and Promotion

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines how events are built, promoted, managed, and assessed, with an emphasis on conventions, trade shows, and nonprofit events. Issues analyzed include facilities planning and contracts, legal issues, volunteer management, budgeting, marketing, and planner/staff communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• CJN-381 Business of Media

Prerequisites:

CJN-255

Credits:

4.00

Description:

Explores the market environment of the production and distribution of video and film. Topics include ownership and control, market structure and competition, audience measurement, and the impact of new technologies on media markets. Students work on a proposal to launch a media company.

Term:

Alternates Fall & Spring

Type:

Arts Admin Minor Elective

• CJN-383 Online Advertising

Prerequisites:

CJN-257;

Credits:

4.00

Description:

All forms of online advertising are explored, including paid search, with a focus on building a brand online.

Term:

Alternates Fall & Spring

Type:

Arts Admin Minor Elective

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

A critique of the circulation of media goods and ideologies from both a cultural and political/economic perspective. Topics include global Hollywood, the images of Muslim women in transnational media, the information society, and global social movements.

Term:

Offered Spring Term

- **CJN-387 Media and Film Criticism**

Credits:

4.00

Description:

Examination of media including film, television, radio, music, newspapers, and magazines. Theories of media criticism are discussed and applied to specific media or media products. Students are introduced to criticisms such as genre, formalist, narrative, cultural, critical cultural, and feminist.

Term:

Offered Fall Term

- **CJN-389 Social Media**

Credits:

4.00

Description:

Social media sites such as Facebook, MySpace, and Twitter are examined from a cultural and critical perspective. The use of social media for community formation, social presence, identity building, and social activism are considered. The roles of advertising, public relations, and branding are

examined.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-390 Screenwriting**

Credits:

4.00

Description:

Students learn the basic principles of writing a short film for the screen by examining professional scripts and one-act films, and then creating, step-by-step, their own one-act screenplay so that it could be ready for production.

Term:

Occasional

- **CJN-400 Media Effects and Audiences**

Prerequisites:

Prerequisite: CJN-255

Credits:

4.00

Description:

Explores the social influence of the media on U.S. society. Attention is given to the theoretical perspectives that inform media research. By the end of the semester, students will develop a critical understanding of the role and influence of the media in U.S. society.

Term:

Offered Fall Term

- **CJN-401 Networked Culture**

Credits:

4.00

Description:

Explores the influence of media convergence, digital technologies, and networked culture on the production, distribution, and consumption of media texts. Through theory, analysis and practice, students learn broad conceptual frameworks and develop models about the emergence and evolution of digital and mobile communication technologies that have shaped the contemporary media landscape. Case studies are drawn from media industries including journalism, advertising, public relations, film and television, music, video games, and the arts.

Term:

Occasional

- **CJN-403 Issues in Journalism**

Prerequisites:

CJN-112

Credits:

4.00

Description:

Each time this course is offered it examines a different issue in Journalism, such as social justice journalism, electronic journalism, ethics, political journalism, or international journalism.

Term:

Offered Fall Term

- **CJN-405 Communication Theory**

Prerequisites:

CJN Majors Only

Credits:

4.00

Description:

Interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientists, psychologists, sociologists, philosophers, and others.

Term:

Offered Both Fall and Spring

- **CJN-415 Review Writing**

Credits:

4.00

Description:

Analysis and critique of movies, theater, music, art, and food.

Term:

Offered Both Fall and Spring

- **CJN-421 Media Seminar**

Prerequisites:

Take CJN-255;CJN Majors with Senior Standing

Credits:

4.00

Description:

In an interactive and intensive seminar format, students examine special media topics through class discussion and engaging in original research. Topics may include: women, gender, and communication technologies; media and social movements; topics in cultural studies; media and democracy; media and community; and participatory media culture.

Term:

Offered Spring Term

- **CJN-437 Ad Campaigns**

Prerequisites:

CJN 359, CJN 257

Credits:

4.00

Description:

Principles of advertising campaigns. Students design, plan, and produce a national advertising campaign for a client as members of a simulated agency team.

Term:

Offered Spring Term

- **CJN-440 Health Communication**

Prerequisites:

CJN-277;

Credits:

4.00

Description:

This course examines the important functions performed by human and mediated communication for health care consumers and providers. In particular, the course focuses on the use of communication strategies to inform and influence individual and community decisions regarding health.

Term:

Occasional

- **CJN-441 Risk and Crisis Communication**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Provides students with insight into effective risk and crisis management within organizations, including health organizations. Focuses on the application of theories, strategies, and tactics from a public relations perspective. Students understand how communication can prevent, cause, accelerate, and assist in recovery from a crisis.

Term:

Occasional

- **CJN-442 Boston Sports Media**

Credits:

4.00

Description:

The history of Boston sports includes a rich media tradition that has been chronicled in various Boston sports media outlets. This course takes both an historic and contemporary approach to understanding and analyzing Boston sports media and their relationship to Boston college and professional sports.

Term:

Occasional

- **CJN-443 Advanced Reporting and Feature Writing**

Prerequisites:

Senior status or instructor consent

Credits:

4.00

Description:

Principles and techniques of advanced news, features, and investigative reporting are studied and applied, with a focus on enterprise reporting. Students develop, organize and write detailed news and news-feature stories based on original research.

Term:

Offered Fall Term

- **CJN-444 Advanced Health Communication**

Prerequisites:

CJN-340

Credits:

4.00

Description:

Explores theory and research in the development of persuasive health campaigns in many contexts including social marketing. Examines aspects of health campaigns including formative research, audience segmentation, key message tailoring, and communication tools.

Term:

Occasional

- **CJN-455 Advanced Media Production**

Prerequisites:

CJN 355

Credits:

4.00

Description:

The course focus is on specialized production techniques including advanced lighting, sound recording, cinematography and editing techniques. Students work in teams to create a variety of fiction productions.

Term:

Offered Both Fall and Spring

- **CJN-457 Integrated Marketing Communication**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines the integration of advertising, promotion, public relations and marketing communication in the strategic communication process. By learning the fundamentals of interpersonal and persuasive communication, students have an opportunity to develop an effective communication plan for a brand that includes creative copy.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-458 Advanced Sports Public Relations**

Prerequisites:

CJN-258

Credits:

4.00

Description:

Focuses on the theory and practice of effective sports public relations management including the development of sport, team, and league public relations campaigns. Also focuses on sports public relations in the context of stakeholder relations in sports.

Term:

Occasional

- **CJN-466 Seminar in Media/Film**

Prerequisites:

CJN-3455

Credits:

4.00

Description:

Functions as a capstone media/film course and merges theoretical and practical knowledge from previous classes. Students revisit concepts and apply them to advanced courses and/or create their own advanced work.

Term:

Offered Spring Term

- **CJN-470 Rhetoric and Global Context**

Credits:

4.00

Description:

Rhetoric is the strategic use of symbols to create meaning. Films, television, music, and new media communicate these meanings. Explores how rhetorical messages shape our personal and cultural identities. Topics include gender, social networking, food, politics, religion, and fashion.

Term:

Offered Fall Term

• **CJN-477 Public Relations IV: Campaigns**

Prerequisites:

CJN-277 and CJN-377 and Senior Standing. This course is now being offered as CJN-4477

Credits:

4.00

Description:

Examines case studies and typical public relations problems experienced by profit and not-for-profit organizations. The course provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign for an actual client. Fulfills ECR requirement.

Term:

Offered Both Fall and Spring

• **CJN-H477 Public Relations IV Honors: Campaigns**

Prerequisites:

CJN 277 and CJN 377; Over 84 credits and by invitation only;

Credits:

4.00

Description:

HONORS SECTION. INVITATION ONLY! Examines case studies and typical public relations problems experienced by profit and not-for-profit organizations. The course provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign for an actual client. Fulfills ECR requirement.

Type:

Honors

- **CJN-479 Environmental Public Relations**

Credits:

4.00

Description:

Examines public issues involving the environment. Focuses on public relations strategies for government agencies, corporations, and other organizations concerned with the environment.

Term:

Occasional

- **CJN-480 Documentary Film Production**

Credits:

4.00

Description:

Students analyze contemporary documentaries and study documentary history and theory. Working in teams, students produce, write, direct, crew, and edit documentary shorts.

Term:

Occasional

- **CJN-481 Making the Short Film**

Prerequisites:

CJN-2355 or instructor consent

Credits:

4.00

Description:

This advanced class works together as a crew to create of a short narrative film shot in HD video. Students learn the process of making professional-quality work, and each student is responsible for various crew positions during pre-production and the shooting of the film.

Term:

Occasional

- **CJN-482 Cultural Theory and Practice Cultural Theory & Practice**

Prerequisites:

CJN-216

Credits:

4.00

Description:

In a world of globalization and multiculturalism, communication is critical to understanding. Explores theoretical approaches to communication and applies them to specific contexts. Emerging trends in global, ethical, legal, political and social communication issues are explored.

Term:

Offered Spring Term

- **CJN-483 Suffolk TV News**

Prerequisites:

CJN-253 and CJN-2355(formerly CJN-355) and CJN-353 or CJN-361 or instructor's consent

Credits:

4.00

Description:

Students write, direct, crew, edit, and serve as talent in producing the CJN Department's weekly news program aired on Boston Cable Access. Cannot be taken concurrently with CJN 361 or CJN 353.

Term:

Offered Spring Term

- **CJN-485 Rhetoric of Protest & Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with an emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **CJN-488 Grant Writing**

Credits:

4.00

Description:

Hands-on course that explores the process of writing and submitting grants to foundations, associations, the government, and other grantors on behalf of nonprofit organizations. Students learn how to identify grant resources through research, compile an effective submission, and write supporting material such as cover letters and appendices. Also covers how grants are reviewed and tips for successful grant submissions.

Term:

Occasional

- **CJN-489 Political Communication**

Credits:

4.00

Description:

Examination of special circumstances created by politics and their impact on attempts at persuasion. Case studies of famous politicians' political campaigns are combined with discussions of current trends in media and politics.

Term:

Occasional

- **CJN-490 Temple Street Project**

Prerequisites:

CJN-253 and CJN-2355(formerly CJN-355)

Credits:

4.00

Description:

Students write, direct, crew, edit, and serve as talent in producing the CJN Department's magazine- format television program aired on the department's Youtube channel.

Term:

Offered Fall Term

- **CJN-491 Special Topics in Communications and Journalism**

Credits:

4.00

Description:

Explores current issues in the field of communication.

Term:

Offered Both Fall and Spring

- **CJN-492 Special Topics in Public Relations**

Credits:

4.00

Description:

Explores current issues in public relations.

Term:

Occasional

- **CJN-493 Special Topics in Film**

Credits:

4.00

Description:

Explores film theory, history, criticism, and genre.

Term:

Occasional

- **CJN-494 Special Topics in Advertising**

Credits:

4.00

Description:

Current issues in the field of advertising. Normally offered every semester.

Term:

Occasional

- **CJN-503 Experiential Learning in Communication**

Prerequisites:

16 Hrs of CJN coursework or CJN advisor consent

Credits:

1.00-12.00

Description:

Internships and practicum in Communication and Journalism are available prior to the start of each semester.

Term:

Offered Both Fall and Spring

- **CJN-505 Communication and Journalism Practicum**

Prerequisites:

12 hours of CJN coursework and CJN advisor consent

Credits:

1.00-12.00

Description:

Practicum and internship projects are available prior to the start of each semester. Prerequisites: Journalism majors with a minimum of 12 credits of coursework or permission of the Department Chairperson. 1-3 terms : 1-12 credits.

Term:

Offered Both Fall and Spring

• **CJN-506 Honors Seminar**

Prerequisites:

Senior CJN majors with an overall cumulative grade point average of 3.0, and a major GPA of 3.4; or instructor consent

Credits:

4.00

Description:

Senior CJN majors meeting requirements for Departmental Honors are invited to participate in this seminar, which entails research and presentation of an approved topic.

Term:

Offered Spring Term

• **CJN-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00-12.00

Description:

An independent study experience in Communication and Journalism is available prior to the start of each semester.

Term:

Offered Both Fall and Spring

- **CJN-2277 Public Relations I: Principles**

Credits:

4.00

Description:

Effective public relations involve an understanding of the history, theory, and practice of public relations including public relations concepts, the role of the practitioner, and the foundations of public relations. This course seeks to provide that foundation as an introduction to the field of public relations. Issues surrounding the history, legality, process, and principles of public relations are explored.

Term:

Offered Both Fall and Spring

- **CJN-2355 Production I**

Prerequisites:

CJN-152

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

- **CJN-3376 Public Relations II: Research**

Prerequisites:

CJN-2277 (Formerly CJN-277)

Credits:

4.00

Description:

Examines how research aids the public relations practice. Students learn research methods that address public relations planning and problem-solving. Assignments provide students with hands-on practice using research for a PR project.

Term:

Offered Both Fall and Spring

- **CJN-3377 Public Relations III: Strategic Writing**

Prerequisites:

CJN-2277(formerly CJN-277);

Credits:

4.00

Description:

Focuses on writing principles for public relations including the formulation of clear PR objectives, determining the knowledge of the target audience, and the development of key messages. Students apply these principles to common PR formats, including news releases, pitch letters, biographies, speeches, emails, digital content, and social media posts.

Term:

Offered Both Fall and Spring

- **CJN-3455 Production II**

Prerequisites:

CJN-2355(formerly CJN-355)

Credits:

4.00

Description:

Building on skills acquired in CJN 2355, students use advanced equipment and production techniques to produce complex video projects, including fiction filmmaking. Projects cover various styles and genres, such as music video and film noir.

Term:

Offered Both Fall and Spring

- **CJN-4455 Production III**

Prerequisites:

CJN-3455(formerly CJN-455)

Credits:

4.00

Description:

Builds on the theories and techniques developed in CJN 3455, focusing on the advanced concepts and skills needed to design and produce professional-level media content for digital distribution. Provides the opportunity to produce high-quality material for student media portfolios in various genres.

Term:

Offered Spring Term

- **CJN-4477 Public Relations IV: Campaigns**

Prerequisites:

CJN-2277(formerly CJN-277) and CJN-3377(formerly CJN-377) and Senior Standing.

Credits:

4.00

Description:

Examines typical public relations problems experienced by profit and not-for-profit organizations. Provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign plan for a community client.

Term:

Offered Both Fall and Spring

• **CJN-H4477 Public Relations IV Honors: Campaigns**

Prerequisites:

CJN-2277(formerly CJN-277) and CJN-377(formerly CJN-377) and CJN-3376 and by invitation only.

Credits:

4.00

Description:

Examines typical public relations problems experienced by profit and not-for-profit organizations. Provides honors students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign plan for a community client.

Term:

Offered Spring Term

Type:

Honors



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Major Requirements: 11 courses, 41 credits

The major in Government consists of 11 courses (41 credits) with the exception of the International Relations concentration which requires an additional course.

Students will select one of four concentrations:

1. American Politics
2. Law and Public Policy

3. International Relations (12 courses, 44-45 credits)

4. Political Theory

All Government majors in all concentrations must complete the following five core courses (17 credits).

Core Requirements (5 courses, 17 credits)

- **GVT-110 Introduction to American Democracy**

Credits:

4.00

Description:

An introduction to the American political system and constitutional framework. Focus will be on the interplay of various institutions (the Presidency, Congress and the Judiciary) in creating public policies. Contemporary public issues will be discussed, as will the role of political theory in shaping American democracy. Attention will be given to the role of the news media, public opinion, political ideology, political parties and interest groups in the American system.

Type:

Human Behavior & Societies

- **GVT-115 Evolution of the Global System**

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

Type:

- **GVT-120 Research Methods**

Credits:

4.00

Description:

Students will learn how to read and analyze political science research. Focus will be on the use of the scientific method for research on politics and government. Students will learn how to effectively access information for research in political science and learn the steps in writing a research paper, including developing the research question, writing a literature review, selecting a research design, and how to properly cite sources. Students will develop an understanding of approaches to researching and measuring political phenomena.

- **GVT-201 Data Analysis and Politics**

Prerequisites:

Sophomore Standing GVT 110 and 120 and Math 128 or higher.

Credits:

4.00

Description:

Quantitative analysis is quickly changing the way we understand and engage in politics, how we implement policy, and how organizations across the world make decisions. In this course, we will learn the fundamental principles of statistical inference and develop the necessary programming skills to answer a wide range of political and policy oriented questions with data analysis. Who is most likely to win the upcoming presidential election? Do countries become less democratic when leaders are assassinated? Is there racial discrimination in the labor market? These are just a few of the questions we will work on in the course.

Type:

Quantitative Analysis

- **GVT-501 Senior Seminar**

Prerequisites:

Senior status

Credits:

1.00

Description:

This course is designed to provide all Government degree-seeking students with a team-taught capstone experience. In this course, we will collectively discuss and consider career, professional and academic experience for the Government major, including learning more about the fields of public policy, public service, law, nonprofit management, international development, and nongovernmental organization management. This course focuses on career entry and transition, networking for career success, impression management concept and skills, and related life-long learning skills. Students articulate and reflect on academic, work, and co-curricular experiences from the perspective of professionals entering or advancing their careers. Pre-requisite: Senior standing.

Note: The major in Government may be completed in three or four years.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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American Politics Concentration: 6 courses, 24 credits

This concentration provides a broad overview of the American political process. The concentration offers a strong undergraduate preparation for entry into advanced degree programs, professional careers in public policy, public service, private institutions, and political organizations in the United States. This concentration is offered as a BA or BS.

Concentration Requirements (3 courses, 12 credits)

- GVT-224 Introduction to Public Policy

Prerequisites:

GVT 110 and GVT 120 or instructor's permission

Credits:

4.00

Description:

An introduction to the process by which public policies are made in the United States. The class will focus on agenda-setting and policy formulation at the federal level, and will include a discussion of the various actors in governmental institutions that impact public policy. Several policy issues will be used as examples to illustrate the process. Some comparisons will be made to state and local policymaking. Normally offered every year.

- **GVT-223 American Politics & Institutions**

Prerequisites:

GVT 110 or GVT 120 or instructor's permission

Credits:

4.00

Description:

This course will provide an examination of the institutions that are involved in the American policy-making process. The student will learn about the presidential, (as opposed to the parliamentary) system that exists in the United States. The course will focus on a relationship between the President and Congress and how that relationship impedes or facilitates the public policy process, including the budgetary process. The course will include a discussion of the president's role as head of the executive branch, and the implementation of congressional policies. Attention will be given to the role of the judiciary in the policy process. Normally offered every year.

- **GVT-345 Public Policy Writing**

Credits:

4.00

Description:

This course provides an introduction to the importance of written communication in the public discourse and in public decision-making. The course will examine some of the tools for producing relevant, useful material in the professional public policy analysis arena. The course will also study the various kinds of written communication the policy makers and advocates regularly utilize. The course also provides an introduction to the constraints that surround effective communication in public policymaking. Students will engage in drafting several different kinds of public policy analyses.

Electives (3 courses, 12 credits)

Choose three GVT electives. Students are strongly encouraged, in consultation with their advisors, to select courses that provide a broad and balanced knowledge of the discipline of American Politics.



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International Relations Concentration: 7 courses, 27-28 credits

The purpose of this concentration is to give students the preparation and tools necessary to pursue careers in international affairs, including the public sector, private companies, and independent sector organizations that operate in the international environment. It is also suitable for students planning graduate study in political science, law, or diplomacy. Students with a concentration in International Relations must earn the BA.

Concentration Requirements (3 courses, 12 credits)

- GVT-261 Theory & Practice of International Relations

Prerequisites:

GVT 110, GVT 115, and GVT 120 or consent of instructor.

Credits:

4.00

Description:

Review of major approaches to the study of international relations. Definition of concepts such as power, nationalism, imperialism, and dependency. Special attention to the use of force and conflict resolution. Special class project. Normally offered every year.

- **GVT-281 Intro to Comparative Politics**

Prerequisites:

GVT 110, GVT 115, and GVT 120 or consent of instructor; Sophomore status or higher

Credits:

4.00

Description:

This course examines various methods of comparing political systems. Institutions such as executive departments, legislatures, court systems and local governmental systems are examined comparatively. It includes analysis of the impact of different economic systems on political/governmental institutions, and on economic circumstances that impact government. It also looks at political socialization both in terms of process and comparative content. An effort is made to include countries from all regions of the world. Normally offered every year.

- **GVT-310 Global Political Economy**

Prerequisites:

GVT 281 and GVT 261 or instructors consent

Credits:

4.00

Description:

This course explores the main premises and approaches to study Global Political Economy. After analyzing the history and development of the international system, it studies how states and markets are interconnected in the creation and reform of economic and political international institutions in the globalization process. It also focuses on the most acute problems of the current international system in the area of IPE, namely, environmental degradation, external debt, poverty, increasing gap between rich and poor countries, and trade conflicts. Offered every year.

Electives (3 courses, 12 credits)

Choose one course from Elective Group 1:

- **GVT-308 International Security**

Prerequisites:

GVT 281 and GVT 261

Credits:

4.00

Description:

This course examines the dynamic evolution of the debates on International Security as well as the transformations in the main global and regional security institutions such as UN and NATO. Based upon International Relations perspectives, it analyzes the traditional definitions of security at the national, regional and international levels of analysis since 1945. Likewise, it studies how states and international institutions have revisited the concepts, policies and strategies of security since the end of the Cold War and after the September 11 events, from realist perspectives to the Copenhagen School of security studies. Offered every year.

- **GVT-363 American Foreign Policy**

Prerequisites:

GVT 281 and GVT 261

Credits:

4.00

Description:

A decision-making approach to understanding the domestic and institutional context of U.S. foreign policy. Includes analysis of continuity and change since WWII using case studies of critical decisions, e.g., Korea, Cuba, Vietnam, etc. Not open to freshmen. Prerequisites: GVT 110, GVT 120, GVT 261 or instructor's consent. 1 term - 4 credits. Normally offered every year.

- **GVT-463 International Legal Systems**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This course explains the main components of the international legal system. It begins by exploring the rules, principles and norms that govern the relationship among states, the different cultural and philosophical legal perspectives and the history of the international legal system. The second part of the course covers the study of the sources and subjects of the international law, the jurisdiction of states, the peaceful settlement of disputes, the use of force and the legal personality of international actors. The third part of the course addresses a number of significant topics derived from the process of globalization legal norms: human rights, humanitarian intervention, law of the sea, environmental law, and economic relations.

- **GVT-465 International and Transnational Organizations**

Prerequisites:

GVT-261 Junior Status required

Credits:

4.00

Description:

This course explores the institutional structures, political processes, and impact of international governmental and nongovernmental organizations. It analyzes their increasingly prominent role in efforts to resolve a wide range of global problems and contribution to strengthen the current system of global governance. While the course covers the problems of international security, global distribution of wealth, deterioration of the environmental system, and threats to social welfare, it focuses on the interaction between the United Nations System and regional organizations, on the one hand, and the role of non-governmental organizations in cooperating or competing to solve specific problems in the area of international relations.

Choose one course from Elective Group 2:

- **GVT-382 Crisis and Integration in Europe**

Credits:

4.00

Description:

Why did 17 European countries surrender the sovereign control of their currency and create the Euro? Will Turkey become a member of the European Union? Will Europeans continue free riding the security protection of the United States? Is the integration process another layer of bureaucracy or an institutional instrument to deal with the permanent crises in Europe? There are some of the questions guiding the discussions in the class.

- **GVT-383 African Politics**

Prerequisites:

GVT 110 and GVT 120

Credits:

4.00

Description:

The political development of Africa in colonial and post-colonial periods. Analysis of the evolution of governmental institutions includes economic, social and personal factors; political forces at work in present day Africa. Not open to freshmen. Normally offered alternate years. Cultural Diversity B

- **GVT-385 South Asian Politics**

Prerequisites:

Not open to freshmen.

Credits:

4.00

Description:

The main goal of the course is to provide an overview of the main political, economic, and social processes taking place in this region. This course explains the strategies that the eight South Asian countries are implementing in order to deal with the globalization process. The primary focus of the course will be to provide students with the understanding of the main regional trends, but it also has case studies of some of the political systems in the region. Students will analyze and evaluate the concepts learned in basic courses in international relations, political science, and other disciplines in social sciences as they apply to South Asia. Normally offered alternate years.

• GVT-393 Latin American Politics Today

Prerequisites:

GVT 281 or instructor consent

Credits:

4.00

Description:

This course examines the evolution of Latin America in the context of globalization. The first part analyzes the main political and economic trends of Latin America as a region, while the second presents the main challenges Mexico is facing today in the area of security. The third part moves forward into the detailed explanation of the transformations of the largest South American countries such as Colombia, Argentina, Chile and Venezuela, among others. The final section looks at the relationship between Latin America and the United States.

• GVT-411 Politics of North and South East Asia

Prerequisites:

Junior Status required

Credits:

4.00

Description:

This course examines the cultural background and political systems mainly of China, Korea and Japan, also touching upon the small tiger states in South-East Asia. It elucidates the historical origins, evolution and current trajectory of these states with a particular concentration on North Korea. One further concentration is the interplay of domestic and foreign policy in the relations of these states, regional stability and cooperation. Topics include history, social structure, the interplay of culture and ideology, political economy, humanitarian issues, security, and the politics of North Korean domestic and foreign policy. We will spend considerable time analyzing China's and North Korea's relationship with regional and world powers and

examining the origins, history, and implications of the North Korean nuclear weapons program. Students will be expected to demonstrate the ability to apply theoretical and historical knowledge toward analyzing the rapidly evolving landscape of contemporary issues related to East Asia.

Type:

Asian Studies

- **GVT-485 Politics of the Middle East**

Prerequisites:

TAKE GVT-281 OR INSTRUCTOR'S CONSENT Junior Status required

Credits:

4.00

Description:

Interlocking themes making the contemporary Middle East an area of chronic conflict: Big Power rivalries; social and political change within individual countries; unity and Arab rivalry involved in Arab nationalism; the Palestinian-Israeli-Arab dispute. Normally offered alternate years. Cultural Diversity B

Choose one course from Elective Group 3:

- **GVT-307 Globalization of Gender Politics**

Prerequisites:

Not open to freshmen

Credits:

4.00

Description:

This course examines the interaction between gender and globalization. It discusses the centrality of gender in international development by focusing on gender as one of the most critical factors that affect the success or the failure of globalization. Critically reviewing general theories of globalization, the course presents a historical overview of gender and development. It then explores selected topics: global restructuring and feminization of the

labor force, gender in multinational corporations, gender and international migration, sex-tourism, AIDS, and the impact of the state, religion, and culture in creating social dislocations and inequalities. Finally, we will consider strategies of change and diverse forms of resistance by women. Offered as needed. Cultural Diversity B

• GVT-309 Transitional Justice

Prerequisites:

Junior status or higher

Credits:

4.00

Description:

This course introduces the concept and practices of transitional justice, which addresses current and past human rights violations. We review the various mechanisms of transitional justice, including: criminal prosecution; lustrations; truth and reconciliation commissions; reparations; and apologies. Our focus will be on understanding the nature of the political and moral dilemmas encountered by countries that consider and apply these mechanisms. We will consider broad theoretical questions as well as specific examples (e.g., Germany after the Holocaust; The South African Truth and Reconciliation Commission; The International Criminal Tribunal for the Former Yugoslavia and for Rwanda). The course will also emphasize the practical implications of transitional justice: how do we empirically measure the effects of transitional justice; what is the role of traditional mechanisms of justice; how does one balance between the global human rights regime and local realities; what is the relationship between gender and religion and transitional justice; and, what is the role of transitional justice mechanisms in conflict resolution.

• GVT-311 Politics of the Arab-Israeli Conflict

Prerequisites:

Open to Juniors and Seniors

Credits:

4.00

Description:

An analysis of the origins and the local, regional, and international dimensions of the Palestinian-Israeli-Arab conflict, this course will examine the conflict through the eyes of the major protagonists and the roles played by them from the early twentieth century to the present: Zionists/Israelis, Palestinians and other Arabs, British, Americans, Soviets. We will also explore the questions of why this conflict has captured the world's attention and

why it has gone unresolved since World War II. Finally, we will examine the possibilities and attempts for resolution of what appears to be an intractable human tragedy.

- **GVT-381 The Politics of the Republic of Ireland And the United Kingdom**

Credits:

4.00

Description:

This class will examine the political systems of the Republic of Ireland and the United Kingdom. It will look at the development of the Republic of Ireland from 1916 until the present paying particular attention to the role that the Irish Government has played in fostering economic development and social stability. It will further look at the country's relationships with the European Union and United States of America. The class will present Northern Ireland and the efforts to resolve the troubles there in as the nexus between these foreign relations, domestic politics in both countries and the relationship between the two of them. A key part of the class will be examining the way in which the British political system functions and is organized, paying particular attention to the multicultural and devolutionary policies that the UK government has enacted in the recent past. The impact that these changes in policy have had in resolving the conflict in Northern Ireland will be examined in depth.

- **GVT-384 The U.S. and the International Relations of the Middle East**

Credits:

4.00

Description:

This course will explore the role played by the United States in the Middle East in the twentieth century, with emphasis on the period since World War II. Our study will begin with a decision-making approach to understanding the domestic and institutional context of America's policy toward the region, followed by an examination of that policy as it confronted radical nationalist, socialist, and Islamic movements, Soviet influence, and specific contemporary problems - the Arab-Israeli conflict, the Lebanese civil war, the Iranian revolution, the Iran-Iraq War, and the Gulf War. Open to non-majors, not open to freshmen. Normally offered alternate years.

- **GVT-387 Conflict & Development in Asia Service Abroad**

Prerequisites:

GVT 281 or instructor's consent. Junior status or above

Credits:

4.00

Description:

Current political trends in the Caribbean and in selected Central American nations. Emphasis will be placed on comparative analysis of public policies in the region, as well as on external factors which impact on politics in the Caribbean and Central America. Students will use academic sources in their analysis, as well as novels and other literary sources for the background of their analysis. Not open to freshmen. Normally offered every third year. Cultural Diversity B

Type:

Global Engagement Experience

• **GVT-389 Politics of China**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

Emphasis on a particular approach to the problems of economic modernization and political development. Historical background; the revolutionary movement; present political structures and current issues. Cultural Diversity B

Type:

Asian Studies

• **GVT-439 Global Environmental Threat**

Prerequisites:

Junior Status required

Credits:

4.00

Description:

In the 20th century the general public became aware of the need for following a sustainable lifestyle. Non-governmental organizations, governmental institutions and individuals began to study environmental problems and issues to enhance the concept of conservation of nature and the protection of the planet's biodiversity among other important concepts. However, as we enter the 21st century, we are finding ourselves involved in new environmental threats such as increasingly disturbing natural disasters, eco-terrorism and endless extreme poverty. This course is aimed at learning the basic environmental aspects that affect society and nature as a whole, along with the new issues that are arising and leading scientists to continue new lines of research in the field of environmental conservation and awareness, knowing also that the key to hope lies in the field of environmental education. Offered on the Madrid Campus only.

- **GVT-462 Debates on Conflicting Ideas in U.S. Foreign Policy**

Prerequisites:

GVT 261. Junior status or above

Credits:

4.00

Description:

In order to understand the change and continuity in U.S. foreign policy, it is crucial to examine the debate among those who inform the ideas put forward by U.S. foreign policy experts, policymakers, and the group-whether political parties or NGOs-with which they are allies. This course will explore the importance of ideas in U.S. foreign policy from the early days of the republic with an emphasis on the post-World War II period. Prerequisite: GVT 281 or instructor's consent. Open only to Juniors and Seniors. 1 term - 4 credits.

- **GVT-466 Governance & Regional Political Economy**

Prerequisites:

Junior Status required

Credits:

4.00

Description:

This course examines the intertwined nature of the globalization and regionalization processes from the perspective of global political economy. The first part of the course provides the basic elements and indicators to understand the main challenges the international economy is facing such as crisis, protectionism, and underdevelopment, inter alia. The second part presents the evolution of globalization and regionalism in the past decades. The third and final section compares how the distinct regions in the world are dealing with local and global problems; particularly attention is paid to the European Union, NAFTA, Mercosur and APEC.

- **GVT-469 International Human Rights**

Prerequisites:

GVT 261 Junior status or above

Credits:

4.00

Description:

An examination of human rights at the end of the 20th century. Attention will be given to the origin and expansion of the concept of human rights in different political systems, the links between culture and human rights and the means and mechanisms for safeguarding human rights with particular reference to the United Nations system.

- **GVT-507 GVT Study Trip**

Prerequisites:

INSTRUCTOR'S PERMISSION This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

APPROVAL OF DEPT. CHAIRPERSON. Specially arranged study trip to a foreign country for the purpose of obtaining knowledge through direct experience and observation. Includes prearranged site visits, meetings, required reading and written assignments. ECR

- **GVT-509 United Nations Seminar**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

This course provides an introduction to the study of the role of the United Nations System in the globalization era. The course is divided in two main sections. The first is based on a series of readings, lectures and discussion on the rules, principles and norms which govern the relationship among states and the UN system; it also covers traditional topics such as the sources and subjects of international law, the jurisdiction of states, the peaceful settlement of disputes, the use of force and the legal personality of international actors, human rights, humanitarian intervention, global environment, used of armed forces, as well as economic relations. The second part of the course is based on a required study trip to the UN headquarters in order to experience a direct contact with policy-makers within the UN system in a diversity of areas such as security, aid and peacekeeping areas.

Type:

Global Engagement Experience

• GVT-521 Internship in Government

Prerequisites:

Government major, sophomore status. Applications to participate must be approved by the Instructor. It is the responsibility of students to arrange internship placements in advance of the course.

Credits:

4.00

Description:

This course is designed to enhance the academic learning students achieve in a substantive government, politics, issue advocacy, public policy or public administration related, supervised, internship that is concurrent with the seminar. Students will use their experiences in the internship of their choosing as a basis for reflection, analysis, skills and career development. Individual learning goals and objectives will be formulated for each student, based on their placement, interest and career goals. Internships must be a minimum of 120 hours in total and approved by the instructor in advance.

It is also advised that students take advantage of the many internship opportunities that exist for law related placements. Placements are for 4-16 credits and are available at the local level, in Washington, D.C., or at international sites such as London.

Economics Requirement (1 course, 3-4 credits)

Choose one Economics course, preferably Macroeconomics. These courses can be found on the [Economics page](#) in this catalog.



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Law & Public Policy Concentration: 6 courses, 24 credits

The Law & Public Policy concentration offers students a framework for understanding the legal underpinnings of public policy and the opportunity to study and critically analyze state, federal, and international legal issues and the institutions in which legal decisions are made. The concentration offers a strong undergraduate preparation for entry into advanced degree programs in the law, public policy, and professional careers in public policy, public service, private institutions, and political organizations. Prelaw advising is regularly available for Government majors in any concentration who plan to apply to law school. This concentration is offered as a BA or BS.

Concentration Requirements (4 courses, 16 credits)

- **GVT-224 Introduction to Public Policy**

Prerequisites:

GVT 110 and GVT 120 or instructor's permission

Credits:

4.00

Description:

An introduction to the process by which public policies are made in the United States. The class will focus on agenda-setting and policy formulation at the federal level, and will include a discussion of the various actors in governmental institutions that impact public policy. Several policy issues will be used as examples to illustrate the process. Some comparisons will be made to state and local policymaking. Normally offered every year.

- **GVT-225 U.S. Constitutional Law & Civil Liberties**

Credits:

4.00

Description:

This course examines a range of contemporary issues introducing students to the U.S. Constitution and the fundamental concepts of constitutional law. Students discuss and analyze topics including separation of powers, federalism, freedom of speech, the death penalty, gun control, and civil rights. We will explore current constitutional challenges and their relationship to law and society.

- **GVT-245 Courts, Public Policy, and Legal Research**

Credits:

4.00

Description:

This course examines the public policy-making role of the court system and examines questions such as whether and how courts can spur political and social reform. The direct and secondary effects of key court decisions will be examined. Case studies may focus on issues like civil rights and pro-choice court cases and political activism. The course will also examine the basics of policy-related legal research.

- **GVT-345 Public Policy Writing**

Credits:

4.00

Description:

This course provides an introduction to the importance of written communication in the public discourse and in public decision-making. The course will examine some of the tools for producing relevant, useful material in the professional public policy analysis arena. The course will also study the various kinds of written communication the policy makers and advocates regularly utilize. The course also provides an introduction to the constraints that surround effective communication in public policymaking. Students will engage in drafting several different kinds of public policy analyses.

Electives (2 courses, 8 credits)

Choose two GVT electives. Students are strongly encouraged, in consultation with their advisors, to select courses that provide a broad and balanced knowledge of the discipline of Law & Public Policy.



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Political Theory Concentration: 6 courses, 24 credits

The Political Theory concentration offers students an understanding of the principles, concepts, norms, and assumptions that inform public policy. The concentration asks students to consider the meaning of justice and the nature and source of legitimate authority. The concentration offers a strong undergraduate preparation for entry into advanced degree programs, public service, private institutions, and political organizations. This concentration is offered as a BA or BS.

Concentration Requirements (2 courses, 8 credits)

- GVT-275 Ancient & Medieval Political Theory

Credits:

4.00

Description:

This course examines the political ideas of major thinkers of Western civilization, beginning with the ancient Greek philosophers and continuing through the 14th Century. Theorists studied (in English translation) include, among others, Plato, Aristotle, Thucydides, Cicero, Augustine, Thomas Aquinas, and Christine de Pizan. One term, 4 semester hours.

- **GVT-276 Modern Political Theory**

Prerequisites:

Sophomore standing

Credits:

4.00

Description:

This course examines the political ideas of the major thinkers of Western civilization from the time of Machiavelli to the present. Theorists studied (in English translation) include, among others, Machiavelli, Bodin, Hobbes, Locke, Rousseau, Kant, Mill, Marx, Wollstonecraft, Beauvoir, and Dewey. One term, 4 semester hours. No Prerequisites.

Concentration Electives (4 courses, 16 credits)

Choose four of the following:

- **GVT-208 Politics / Religion**

Credits:

4.00

Description:

This course explores what major religions say about the status and responsibilities of the state and how, in turn, selective states have, in theory and practice, structured the place of religions in political life. Particular attention is given to issues of politics and religion in the United States. Cultural

- **GVT-473 American Political Thought**

Prerequisites:

open to juniors and seniors only

Credits:

4.00

Description:

Reading and discussion of original works by significant American political thinkers. Readings vary, but might include The Federalist and works by Paine, Jefferson, Calhoun, Thoreau, Sumner, Reed, Dewey, Lippman, Goodman, King, Malcolm X, Carmichael, Hamilton, Friedan and Dillinger. Offered every year.

- **GVT-475 Radical & Revolutionary Political Thought**

Prerequisites:

Open to Juniors and Seniors only.

Credits:

4.00

Description:

This course focuses on those political thinkers, such as socialists, feminists, anarchists, pacifists, and ecologists, who have opposed established order and sought to change it. Topics covered include utopian visions (e.g., Owen, Morris, Bellamy, Gilman), criticism of existing institutions (Wollstonecraft, Marx, Fanon, de Beauvoir) and strategies for change (Goldman, Malcolm, Lenin, Cabral). The emphasis is on reading original theoretical works, with several writings assignments. Normally offered every third year.

- **PHIL-228 Feminist Philosophy**

Credits:

4.00

Description:

This course is an introduction to the philosophy of feminist thought. Feminist theories of epistemology, metaphysics and morality will be examined as critiques of traditional philosophy,. Feminist perspectives and methodologies include radical, liberal, postmodern, as well as more recent trends in ecofeminism. Special emphasis will be placed on explicit and implicit practices of alienation and exclusion as they have unfolded in the gendering of thought, truth, and reality. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

- **PHIL-251 Philosophy of Race & Gender**

Credits:

4.00

Description:

Prejudice of many kinds, such as racism and sexism, is so embedded in our social institutions, and is so traditional and pervasive that we often fail to notice it. In this course, we will deal with the history and nature of racism and sexism, as well as with possible solutions to these problems, including affirmative action and busing. Also to be discussed will be homosexuality, pornography and sex roles. 1 term - 4 credits. Normally offered alternate years. C a

Term:

Occasional

- **PHIL-309 Philosophy of Freedom**

Prerequisites:

Prerequisite: One Philosophy course or consent of instructor.

Credits:

4.00

Description:

Focuses on the paradoxical relationship between freedom and responsibility and how that affects our thinking about freedom in the individual, social and political sphere. Both classical and contemporary thinkers will be considered. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every other year.

Term:

Offered Spring Term

- **PHIL-318 Philosophy of Law**

Prerequisites:

Prerequisite: One course in Philosophy or Instructor's consent

Credits:

4.00

Description:

Readings may include a range of classical authors, such as Plato and Aquinas, as well as the works of such 20th-century legal philosophers as H.L.A. Hart, Dworkin and Rawls. Also included may be leading jurists such as Oliver Wendell Holmes and Learned Hand. Issues discussed may include the nature of law, its relation to justice, and how the legal system should operate to arrive at just decisions. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

- **PHIL-319 Topics in Applied Ethics**

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

This course will address in depth one or more specific issues in applied ethics. Topics will vary and may range from applied issues in political thought, such as just war theory or transitional justice, to specific questions in professional ethics or social policy, such as end-of-life care, economic justice, or the role of technology in the human future. Prerequisite: PHIL 119, or 123, or 127. 1 term - 4 credits. Normally offered every other year.

Term:

Occasional

• PHIL-362 Environmental Ethics

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

An examination of the moral issues involved in the interaction of humans with their natural environment. Topics include: the environmental crisis, human-centered vs. nature-centered ethics, intrinsic value in nature, obligations to future generations, the importance of preserving endangered species and wilderness, radical ecology, eco-feminism, and the role of social justice in environmental issues. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every year.

Term:

Occasional

• PHIL-363 Bio and Medical Ethics

Prerequisites:

Prerequisite: Phil 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral problems facing health-care practitioners, their patients, and others involved with the practice of medicine in today's society. Issues include euthanasia, the ethics of medical experimentation, the use of reproductive technologies, genetic counseling and genetic engineering, truth-telling and confidentiality in doctor-patient relationships, the cost and availability of medical care. Normally offered every third year.

Term:

Occasional

- **PHIL-364 Business Ethics**

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

An examination of the ethical questions in the working life and policies of the business and professional sectors of society. The focus will vary, but common themes will include: the role of commerce in civil society; the relation of business to conceptions of economic and social justice; the meaning and application of codes of ethics; obligations of corporations and professional organizations to shareholders and stakeholders; responsibilities to clients and colleagues; workplace conduct; the nature of success and conflicts between legal and moral obligations; the impact of globalization. The course will employ a variety of readings, including ethical theory and specific case studies. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every other year.

Term:

Occasional

- **PHIL-401 Ethics in Action 1: Persistence of the Classics**

Prerequisites:

PHIL-210 , PHIL-211, 4 credits of a 400-level PHIL course, and Instructor consent

Credits:

4.00

Description:

Examines how classical works of ancient and medieval moral and political philosophy raise questions and themes that persist in challenges facing contemporary public policy and personal ethics. Topics covered will include the nature of moral duties, the connection between happiness and morality, citizenship and virtue, the meaning of a good life, the attractions and limitations of moral relativism, the foundations of legitimate government, arguments for and against democracy, realism and idealism in statecraft, and the relationship between law and ethics. Authors may include the Pre-Socratic thinkers, Plato, Aristotle, Cicero, Augustine, and Aquinas, among others.

Term:

Offered Fall Term

Type:

Classics Minor

• PHIL-402 Ethics in Action 2: the Crisis of the Modern

Prerequisites:

PHIL-210, PHIL-211, 1 400-level PHIL course, and Instructor consent

Credits:

4.00

Description:

Continues the examination of themes addressed in PHIL 401/701, with a focus on how radical change, from the early modern era to the present, poses both challenges and opportunities for thought and action. In addition to issues from PHIL 401/701, themes may include revolution and reaction, the role of science and technology, the clash between universalism and particularism, distributive justice and the economy, liberty and equality, faith and secularism, and others. Authors may include Machiavelli, Hobbes, Locke, Rousseau, Kant, Hegel, Mill, Marx, and Nietzsche, as well as contemporary thinkers.

Term:

Offered Spring Term

• PHIL-414 Topics in Philosophy

Credits:

4.00

Description:

A detailed exposition and evaluation of a specific topic or of the views of one major philosophical thinker or group of thinkers. Readings from both primary and secondary sources. Prerequisite: PHIL 210 or 211 or consent of instructor. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Students are strongly encouraged, in consultation with their advisors, to select courses that provide a broad and balanced knowledge of the discipline of Political Theory.



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Combined Concentrations: 6 courses, 24 credits

Students may combine concentrations within the Government major. This allows for a broader overview of topics studied.

Please choose two of the concentrations listed below.

Concentration Requirements (4 courses, 16 credits)

American Politics Concentration (2 courses, 8 credits)

- **GVT-223 American Politics & Institutions**

Prerequisites:

GVT 110 or GVT 120 or instructor's permission

Credits:

4.00

Description:

This course will provide an examination of the institutions that are involved in the American policy-making process. The student will learn about the presidential, (as opposed to the parliamentary) system that exists in the United States. The course will focus on a relationship between the President and Congress and how that relationship impedes or facilitates the public policy process, including the budgetary process. The course will include a discussion of the president's role as head of the executive branch, and the implementation of congressional policies. Attention will be given to the role of the judiciary in the policy process. Normally offered every year.

- **GVT-224 Introduction to Public Policy**

Prerequisites:

GVT 110 and GVT 120 or instructor's permission

Credits:

4.00

Description:

An introduction to the process by which public policies are made in the United States. The class will focus on agenda-setting and policy formulation at the federal level, and will include a discussion of the various actors in governmental institutions that impact public policy. Several policy issues will be used as examples to illustrate the process. Some comparisons will be made to state and local policymaking. Normally offered every year.

International Relations Concentration (2 courses, 8 credits)

- **GVT-261 Theory & Practice of International Relations**

Prerequisites:

GVT 110, GVT 115, and GVT 120 or consent of instructor.

Credits:

4.00

Description:

Review of major approaches to the study of international relations. Definition of concepts such as power, nationalism, imperialism, and dependency. Special attention to the use of force and conflict resolution. Special class project. Normally offered every year.

• GVT-281 Intro to Comparative Politics

Prerequisites:

GVT 110, GVT 115, and GVT 120 or consent of instructor; Sophomore status or higher

Credits:

4.00

Description:

This course examines various methods of comparing political systems. Institutions such as executive departments, legislatures, court systems and local governmental systems are examined comparatively. It includes analysis of the impact of different economic systems on political/governmental institutions, and on economic circumstances that impact government. It also looks at political socialization both in terms of process and comparative content. An effort is made to include countries from all regions of the world. Normally offered every year.

Law & Public Policy Concentration (2 courses, 8 credits)

• GVT-224 Introduction to Public Policy

Prerequisites:

GVT 110 and GVT 120 or instructor's permission

Credits:

4.00

Description:

An introduction to the process by which public policies are made in the United States. The class will focus on agenda-setting and policy formulation at the federal level, and will include a discussion of the various actors in governmental institutions that impact public policy. Several policy issues will be used as examples to illustrate the process. Some comparisons will be made to state and local policymaking. Normally offered every year.

- **GVT-225 U.S. Constitutional Law & Civil Liberties**

Credits:

4.00

Description:

This course examines a range of contemporary issues introducing students to the U.S. Constitution and the fundamental concepts of constitutional law. Students discuss and analyze topics including separation of powers, federalism, freedom of speech, the death penalty, gun control, and civil rights. We will explore current constitutional challenges and their relationship to law and society.

Political Theory Concentration (2 courses, 8 credits)

- **GVT-275 Ancient & Medieval Political Theory**

Credits:

4.00

Description:

This course examines the political ideas of major thinkers of Western civilization, beginning with the ancient Greek philosophers and continuing through the 14th Century. Theorists studied (in English translation) include, among others, Plato, Aristotle, Thucydides, Cicero, Augustine, Thomas Aquinas, and Christine de Pizan. One term, 4 semester hours.

- **GVT-276 Modern Political Theory**

Prerequisites:

Sophomore standing

Credits:

4.00

Description:

This course examines the political ideas of the major thinkers of Western civilization from the time of Machiavelli to the present. Theorists studied (in English translation) include, among others, Machiavelli, Bodin, Hobbes, Locke, Rousseau, Kant, Mill, Marx, Wollstonecraft, Beauvoir, and Dewey. One term, 4 semester hours. No Prerequisites.

Note:

Students who combine American Politics and Law & Public Policy will complete GVT-224 once and MUST complete an additional elective.

Advanced Course (1 course, 4 credits)

Choose one of the following:

- **GVT-245 Courts, Public Policy, and Legal Research**

Credits:

4.00

Description:

This course examines the public policy-making role of the court system and examines questions such as whether and how courts can spur political and social reform. The direct and secondary effects of key court decisions will be examined. Case studies may focus on issues like civil rights and pro-choice court cases and political activism. The course will also examine the basics of policy-related legal research.

- **GVT-310 Global Political Economy**

Prerequisites:

GVT 281 and GVT 261 or instructors consent

Credits:

4.00

Description:

This course explores the main premises and approaches to study Global Political Economy. After analyzing the history and development of the international system, it studies how states and markets are interconnected in the creation and reform of economic and political international institutions in the globalization process. It also focuses on the most acute problems of the current international system in the area of IPE, namely, environmental degradation, external debt, poverty, increasing gap between rich and poor countries, and trade conflicts. Offered every year.

- **GVT-345 Public Policy Writing**

Credits:

4.00

Description:

This course provides an introduction to the importance of written communication in the public discourse and in public decision-making. The course will examine some of the tools for producing relevant, useful material in the professional public policy analysis arena. The course will also study the various kinds of written communication the policy makers and advocates regularly utilize. The course also provides an introduction to the constraints that surround effective communication in public policymaking. Students will engage in drafting several different kinds of public policy analyses.

Elective (1 course, 4 credits)

Choose any 300, 400, or 500 level Government course

Note:

Students enrolled in the IR combined concentration MUST take GVT-310 as their advanced course.



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Minor Requirements: 5 courses, 20 credits

- GVT-110 Introduction to American Democracy

Credits:

4.00

Description:

An introduction to the American political system and constitutional framework. Focus will be on the interplay of various institutions (the Presidency, Congress and the Judiciary) in creating public policies. Contemporary public issues will be discussed, as will the role of political theory in shaping American democracy. Attention will be given to the role of the news media, public opinion, political ideology, political parties and interest groups in the American system.

Type:

Human Behavior & Societies

• GVT-120 Research Methods

Credits:

4.00

Description:

Students will learn how to read and analyze political science research. Focus will be on the use of the scientific method for research on politics and government. Students will learn how to effectively access information for research in political science and learn the steps in writing a research paper, including developing the research question, writing a literature review, selecting a research design, and how to properly cite sources. Students will develop an understanding of approaches to researching and measuring political phenomena.

Choose any three additional Government courses. Two must be at the 200-level and at least one must be at the 300-level.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [American Politics Concentration](#)
- [International Relations Concentration](#)
- [Law & Public Policy Concentration](#)
- [Political Theory Concentration](#)
- [Combined Concentrations](#)
- [Minor Requirements](#)
- [Accelerated Bachelor's/Master's Degree in Political Science](#)
- [Honors](#)
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This program provides an accelerated path for undergraduate Government majors to obtain a Master's degree in Political Science. Students can take two graduate level classes during their senior year, one at a time or both at once. Once two graduate classes have been taken, students can take no more until they have otherwise fulfilled the requirements for their undergraduate degree.

Degree Requirements

1. Students admitted to this dual degree program must meet all the requirements of one of the undergraduate degree programs (BA or BS in Government).
2. Student must also meet all requirements for the Master's degree in Political Science (MSPS).

3. The two graduate courses taken during the senior year will count toward BOTH the undergraduate and graduate degree requirements. Credit hours will be awarded based on the graduate course description.
4. Students are subject to the usual standards for academic standing, i.e., undergraduate standards for undergraduate courses and graduate standards for graduate courses.

Upon successful completion of all of the degree requirements, a student will receive a dual Bachelor's and Master's degree. The exact degree will be awarded based on the specific undergraduate program the student completes. A student may permanently exit the dual degree program and opt to graduate with a Bachelor's degree if all the requirements for a Bachelor's degree have been met. In this case, the graduate courses taken in the senior year will be counted as 4-credit courses applied toward the undergraduate degree requirements.



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Any Government major may apply to receive honors in Government. Government majors in all concentrations who have an overall GPA of 3.0 and a GPA of 3.4 or better in the major will be eligible for honors. Students enrolled in the CAS Honors Program must have a GPA of 3.4 in Government and a GPA of 3.5 overall.

All students wishing to receive honors in Government must have completed at least 8 credits in Government courses at Suffolk University and must complete two major written assignments for two different 300 or 400-level GVT classes that are taught by full-time faculty.

Students must:

- Receive a grade of an A- or above on the papers for the courses for which they are writing
- Present 1 of the 2 papers at the Government Department Spring Student Research Conference (student's choice regarding which paper)

- Present 1 of the 2 papers to the GVT Honors Committee OR, if student is a CAS Honors student, the student must present at the Honors Symposium or the Honors Pecha Kucha (student's choice regarding which paper)



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Pi Sigma Alpha

The National Political Science Honor Society Sigma Lambda Chapter at Suffolk University

Pi Sigma Alpha is the national political science honor society. To be eligible for membership, you must have earned at least 12 credits in Government, and must either:

- Have earned at least 63 credits, with a cumulative grade point average of 3.5, and an average of 3.5 in Government courses, or
- Have earned at least 92 credits, with a cumulative grade point average of 3.3, and an average of 3.3 in Government courses.

To apply, please submit official transcripts from all the colleges you have attended to the chapter sponsor, [Professor Cobb](#).



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- GVT-005 Summer Campaign Lab

Prerequisites:

Instructor consent required

Credits:

0.00

Description:

This non-credit, two-week intensive certificate will combine in-depth training on building and running a successful campaign, with site visits to leading political strategy and non-profit agencies. Students will broaden their network meeting leaders in government, public policy, and non-profits by participating in evening speaker series and networking events. Evening teamwork will culminate in a final campaign plan to be presented on the final day of the program.

- **GVT-110 Introduction to American Democracy**

Credits:

4.00

Description:

An introduction to the American political system and constitutional framework. Focus will be on the interplay of various institutions (the Presidency, Congress and the Judiciary) in creating public policies. Contemporary public issues will be discussed, as will the role of political theory in shaping American democracy. Attention will be given to the role of the news media, public opinion, political ideology, political parties and interest groups in the American system.

Type:

Human Behavior & Societies

- **GVT-H110 Honors Intro to American Democracy**

Credits:

4.00

Description:

Special honors section of GVT 110. Offered every fall.

Type:

Honors

- **GVT-115 Evolution of the Global System**

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

Type:

Human Behavior & Societies

• GVT-120 Research Methods

Credits:

4.00

Description:

Students will learn how to read and analyze political science research. Focus will be on the use of the scientific method for research on politics and government. Students will learn how to effectively access information for research in political science and learn the steps in writing a research paper, including developing the research question, writing a literature review, selecting a research design, and how to properly cite sources. Students will develop an understanding of approaches to researching and measuring political phenomena.

• GVT-H120 Honors Research Methods

Credits:

4.00

Description:

A special honors section of Research Methods. Students will be introduced to the subfields of political science and learn to analyze political writings. Focus will be on the use of the scientific method for research on politics and government. Students will learn the steps in writing a research paper, including developing the research question and selecting a research design. Attention will be given to the use of statistical analysis and public opinion polling in political research.

Type:

Honors

- **GVT-201 Data Analysis and Politics**

Prerequisites:

Sophomore Standing GVT 110 and 120 and Math 128 or higher.

Credits:

4.00

Description:

Quantitative analysis is quickly changing the way we understand and engage in politics, how we implement policy, and how organizations across the world make decisions. In this course, we will learn the fundamental principles of statistical inference and develop the necessary programming skills to answer a wide range of political and policy oriented questions with data analysis. Who is most likely to win the upcoming presidential election? Do countries become less democratic when leaders are assassinated? Is there racial discrimination in the labor market? These are just a few of the questions we will work on in the course.

Type:

Quantitative Analysis

- **GVT-204 Women in American Politics**

Credits:

4.00

Description:

An examination of women's place in the Constitution; policy concerns; and political participation. Attention will be given to women's societal roles and attitudes towards women of different classes and races and the ways in which these roles and attitudes influence women's political participation. Attention will also be given to the theories and perspectives of the current women's movement as they influence policy considerations. Cultural Diversity A

- **GVT-208 Politics / Religion**

Credits:

4.00

Description:

This course explores what major religions say about the status and responsibilities of the state and how, in turn, selective states have, in theory and practice, structured the place of religions in political life. Particular attention is given to issues of politics and religion in the United States. Cultural Diversity A

- **GVT-223 American Politics & Institutions**

Prerequisites:

GVT 110 or GVT 120 or instructor's permission

Credits:

4.00

Description:

This course will provide an examination of the institutions that are involved in the American policy-making process. The student will learn about the presidential, (as opposed to the parliamentary) system that exists in the United States. The course will focus on a relationship between the President and Congress and how that relationship impedes or facilitates the public policy process, including the budgetary process. The course will include a discussion of the president's role as head of the executive branch, and the implementation of congressional policies. Attention will be given to the role of the judiciary in the policy process. Normally offered every year.

- **GVT-224 Introduction to Public Policy**

Prerequisites:

GVT 110 and GVT 120 or instructor's permission

Credits:

4.00

Description:

An introduction to the process by which public policies are made in the United States. The class will focus on agenda-setting and policy formulation at the federal level, and will include a discussion of the various actors in governmental institutions that impact public policy. Several policy issues will be used as examples to illustrate the process. Some comparisons will be made to state and local policymaking. Normally offered every year.

- **GVT-225 U.S. Constitutional Law & Civil Liberties**

Credits:

4.00

Description:

This course examines a range of contemporary issues introducing students to the U.S. Constitution and the fundamental concepts of constitutional law. Students discuss and analyze topics including separation of powers, federalism, freedom of speech, the death penalty, gun control, and civil rights. We will explore current constitutional challenges and their relationship to law and society.

- **GVT-244 Civil Liberties**

Prerequisites:

Not open to Freshmen

Credits:

4.00

Description:

Analysis of Supreme Court decisions in regard to political and civil rights including freedom of speech, press, assembly and religion, obscenity, race and sex discrimination, and criminal procedure. Normally offered every year.

- **GVT-245 Courts, Public Policy, and Legal Research**

Credits:

4.00

Description:

This course examines the public policy-making role of the court system and examines questions such as whether and how courts can spur political and social reform. The direct and secondary effects of key court decisions will be examined. Case studies may focus on issues like civil rights and pro-choice court cases and political activism. The course will also examine the basics of policy-related legal research.

- **GVT-247 Intellectual Property- Authors, Inventors, & Brands**

Prerequisites:

GPA at least 3.3

Credits:

4.00

Description:

Are Neanderthal genes patentable? May a fan write Harry Potter 8? Could Amazon.com shut down Amazon Books, a women's bookstore? Is there copyright in a student's class paper? Why does so much copyrighted stuff stay up on YouTube? Can a video game company own its employees' ideas? This friendly, interactive introduction to intellectual property gives the lay of the land, covering the fundamental pillars of copyrights, patents, trademarks, and trade secret, and more far-reaching topics like international and internet intellectual property, and indigenous people and IP. The course is open to all majors, because it is relevant to anyone who deals with creative works, inventions, discoveries, or business. This undergraduate course will be taught at the Suffolk Law School by a member of its faculty. To register students must have a GPA of 3.3 or permission of the instructor. There will be several quizzes and a final exam.

Type:

Arts Admin Minor Elective

- **GVT-H247 Intellectual Property- Authors, Inventors, & Brands**

Prerequisites:

GPA at least 3.3 or Honors student only.

Credits:

4.00

Description:

Are Neanderthal genes patentable? May a fan write Harry Potter 8? Could Amazon.com shut down Amazon Books, a women's bookstore? Is there copyright in a student's class paper? Why does so much copyrighted stuff stay up on YouTube? Can a video game company own its employees' ideas? This friendly, interactive introduction to intellectual property gives the lay of the land, covering the fundamental pillars of copyrights, patents, trademarks, and trade secret, and more far-reaching topics like international and internet intellectual property, and indigenous people and IP. The course is open to all majors, because it is relevant to anyone who deals with creative works, inventions, discoveries, or business. This undergraduate course will be taught at the Suffolk Law School by a member of its faculty. To register students must have a GPA of 3.3 or permission of the instructor. There will be several quizzes and a final exam.

Type:

Arts Admin Minor Elective,Honors

• GVT-253 State and Local Government

Prerequisites:

GVT 110/120 OR INSTRUCTOR'S CONSENT

Credits:

4.00

Description:

The development, structure and functions of state governments with emphasis on the government of Massachusetts; the various forms of local government in cities and towns; analysis of the relationships between local, state and federal governments. Normally offered alternate years.

• GVT-261 Theory & Practice of International Relations

Prerequisites:

GVT 110, GVT 115, and GVT 120 or consent of instructor.

Credits:

4.00

Description:

Review of major approaches to the study of international relations. Definition of concepts such as power, nationalism, imperialism, and dependency. Special attention to the use of force and conflict resolution. Special class project. Normally offered every year.

- **GVT-275 Ancient & Medieval Political Theory**

Credits:

4.00

Description:

This course examines the political ideas of major thinkers of Western civilization, beginning with the ancient Greek philosophers and continuing through the 14th Century. Theorists studied (in English translation) include, among others, Plato, Aristotle, Thucydides, Cicero, Augustine, Thomas Aquinas, and Christine de Pizan. One term, 4 semester hours.

- **GVT-276 Modern Political Theory**

Prerequisites:

Sophomore standing

Credits:

4.00

Description:

This course examines the political ideas of the major thinkers of Western civilization from the time of Machiavelli to the present. Theorists studied (in English translation) include, among others, Machiavelli, Bodin, Hobbes, Locke, Rousseau, Kant, Mill, Marx, Wollstonecraft, Beauvoir, and Dewey. One term, 4 semester hours. No Prerequisites.

- **GVT-278 Literature & Politics**

Credits:

4.00

Description:

This course will examine novels with an expressed political theme introduced by the author. The theme may be either a central part of the plot, or secondary to the main plot. The class will focus on American as well as foreign works. The class is open to non-majors. Normally offered alternate years.

- **GVT-279 Minority Politics in the United States**

Prerequisites:

Sophomore Status Required

Credits:

4.00

Description:

This course is designed to provide an intensive survey of minority politics in the political development of the United States. We will focus on the historical and contemporary experiences of several groups in American politics. In particular, the course will look at four groups that, for reasons of race, have been subjected to systematic discrimination and political subordination in U.S. history: American Indians, African Americans, Latino Americans, and Asian/Pacific Americans. In this course we will work toward an understanding of American politics from the point of view of politically active and engaged persons of color. This course will also take a close look at the future of race and ethnicity in American politics. It is a fundamental premise of this course that an understanding of race and minority politics is necessary to comprehensively understand American political development and many important issues in contemporary American politics. Cultural Diversity A

- **GVT-281 Intro to Comparative Politics**

Prerequisites:

GVT 110, GVT 115, and GVT 120 or consent of instructor; Sophomore status or higher

Credits:

4.00

Description:

This course examines various methods of comparing political systems. Institutions such as executive departments, legislatures, court systems and local governmental systems are examined comparatively. It includes analysis of the impact of different economic systems on political/governmental institutions, and on economic circumstances that impact government. It also looks at political socialization both in terms of process and comparative content. An effort is made to include countries from all regions of the world. Normally offered every year.

- **GVT-H281 Honors Intro to Comparative Politics**

Prerequisites:

GVT 110 and GVT 120 or consent of instructor.

Credits:

4.00

Description:

This course examines various methods of comparing political systems. Institutions such as executive departments, legislatures, court systems and local governmental systems are examined comparatively. It includes analysis of the impact of different economic systems on political/governmental institutions, and on economic circumstances that impact government. It also looks at political socialization both in terms of process and comparative content. An effort is made to include countries from all regions of the world. Normally offered every year.

Type:

Honors

- **GVT-284 Intro to Peace & Conflict: Horn of Africa & International Security**

Credits:

4.00

Description:

This course analyzes both ongoing and potential conflicts as well as conflict fault-lines in the Horn of Africa region and their implication to International Security. It inquires into the nature of regional conflicts and security complexes and explores ways of resolving them in a peaceful manner. In so doing, it examines such international security threats as state failure, Islamic terrorism, and piracy in the light of the dynamics and evolution of the debates on International Security as well as the transformations in the main global, continental, and regional security institutions such as UN, AU, and IGAD.

Based upon International Relations perspectives, it analyzes the traditional definitions of security at the national, regional and international levels of analysis since 1945. Likewise, it studies how states and international institutions have revisited the concepts, policies and strategies of security in the post Cold War and post 9/ 11 world, from realist perspectives to the Copenhagen School of security studies.

- **GVT-306 Women & Public Policy**

Credits:

4.00

Description:

This hybrid course will examine the political leadership and influence of women within political institutions and on public policy. The course is divided into two parts: Part 1 will examine women in politics, with particular attention given to the intersectional realities of race, class, gender identity, and ideological orientation. Specific policy areas, including reproductive choice, housing, pay equity, and domestic relations, will be discussed in Part 2.

Prerequisite: Open to non-majors; not open to freshmen. Normally offered alternate years. Cultural Diversity A

- **GVT-307 Globalization of Gender Politics**

Prerequisites:

Not open to freshmen

Credits:

4.00

Description:

This course examines the interaction between gender and globalization. It discusses the centrality of gender in international development by focusing on gender as one of the most critical factors that affect the success or the failure of globalization. Critically reviewing general theories of globalization, the course presents a historical overview of gender and development. It then explores selected topics: global restructuring and feminization of the labor force, gender in multinational corporations, gender and international migration, sex-tourism, AIDS, and the impact of the state, religion, and culture in creating social dislocations and inequalities. Finally, we will consider strategies of change and diverse forms of resistance by women.

Offered as needed. Cultural Diversity B

- **GVT-308 International Security**

Prerequisites:

Credits:

4.00

Description:

This course examines the dynamic evolution of the debates on International Security as well as the transformations in the main global and regional security institutions such as UN and NATO. Based upon International Relations perspectives, it analyzes the traditional definitions of security at the national, regional and international levels of analysis since 1945. Likewise, it studies how states and international institutions have revisited the concepts, policies and strategies of security since the end of the Cold War and after the September 11 events, from realist perspectives to the Copenhagen School of security studies. Offered every year.

- **GVT-309 Transitional Justice**

Prerequisites:

Junior status or higher

Credits:

4.00

Description:

This course introduces the concept and practices of transitional justice, which addresses current and past human rights violations. We review the various mechanisms of transitional justice, including: criminal prosecution; lustrations; truth and reconciliation commissions; reparations; and apologies. Our focus will be on understanding the nature of the political and moral dilemmas encountered by countries that consider and apply these mechanisms. We will consider broad theoretical questions as well as specific examples (e.g., Germany after the Holocaust; The South African Truth and Reconciliation Commission; The International Criminal Tribunal for the Former Yugoslavia and for Rwanda). The course will also emphasize the practical implications of transitional justice: how do we empirically measure the effects of transitional justice; what is the role of traditional mechanisms of justice; how does one balance between the global human rights regime and local realities; what is the relationship between gender and religion and transitional justice; and, what is the role of transitional justice mechanisms in conflict resolution.

- **GVT-H309 Transitional Justice**

Prerequisites:

Junior status or higher, CAS Honors Program

Credits:

4.00

Description:

This course introduces the concept and practices of transitional justice, which addresses current and past human rights violations. We review the various mechanisms of transitional justice, including: criminal prosecution; lustrations; truth and reconciliation commissions; reparations; and apologies. Our focus will be on understanding the nature of the political and moral dilemmas encountered by countries that consider and apply these mechanisms. We will consider broad theoretical questions as well as specific examples (e.g., Germany after the Holocaust; The South African Truth and Reconciliation Commission; The International Criminal Tribunal for the Former Yugoslavia and for Rwanda). The course will also emphasize the practical implications of transitional justice: how do we empirically measure the effects of transitional justice; what is the role of traditional mechanisms of justice; how does one balance between the global human rights regime and local realities; what is the relationship between gender and religion and transitional justice; and, what is the role of transitional justice mechanisms in conflict resolution.

Type:

Honors

• GVT-310 Global Political Economy

Prerequisites:

GVT 281 and GVT 261 or instructors consent

Credits:

4.00

Description:

This course explores the main premises and approaches to study Global Political Economy. After analyzing the history and development of the international system, it studies how states and markets are interconnected in the creation and reform of economic and political international institutions in the globalization process. It also focuses on the most acute problems of the current international system in the area of IPE, namely, environmental degradation, external debt, poverty, increasing gap between rich and poor countries, and trade conflicts. Offered every year.

• GVT-311 Politics of the Arab-Israeli Conflict

Prerequisites:

Open to Juniors and Seniors

Credits:

4.00

Description:

An analysis of the origins and the local, regional, and international dimensions of the Palestinian-Israeli-Arab conflict, this course will examine the conflict through the eyes of the major protagonists and the roles played by them from the early twentieth century to the present: Zionists/Israelis, Palestinians and other Arabs, British, Americans, Soviets. We will also explore the questions of why this conflict has captured the world's attention and why it has gone unresolved since World War II. Finally, we will examine the possibilities and attempts for resolution of what appears to be an intractable human tragedy.

• GVT-323 Political Survey Research

Prerequisites:

OPEN TO JUNIORS & SENIORS

Credits:

4.00

Description:

Everything needed to design, carry out, and interpret a political survey. Topics covered will include questionnaire design, sampling, interviewing, coding data, and univariate and bivariate analysis of the results. Multivariate analysis will be discussed but not studied in-depth. An actual survey will be conducted as a class project. Normally offered every year.

• GVT-334 Law, Food, Tobacco, Politics & Corporations

Credits:

4.00

Description:

Corporations, which are one of the dominant institutions of the early 21st century, are driven not by the public good, but by the profit motive. Decisions made by two industries dominated by corporations, the food industry and the tobacco industry, have a tremendous negative impact on America's

public health. What, if anything, can be done to counteract the harm caused by Fast Food & Big Tobacco?

- **GVT-335 Law, Politics and Public Health**

Credits:

4.00

Description:

Law is one of the primary tools used to protect public health in the United States. This course will use various case studies (tobacco industry, food industry, health care policy, etc.) to explore innovative uses of the law in diverse areas related to public health. Students will learn about the ways in which attorneys, public officials, politicians, and public health practitioners work together to make public health policy. Normally offered alternate years.

- **GVT-337 Public Policy & Business**

Prerequisites:

Not open to freshmen

Credits:

4.00

Description:

Public policy-makers' interests in formulating and implementing policy in the areas of environmental protection, consumer protection, equal employment opportunity, health care, taxation and competition with a focus on business responsibility will be critically analyzed. Costs and benefits to the public and business will be evaluated. Prerequisite: Open to non-majors; not open to freshmen. Normally offered alternate years.

- **GVT-339 Community Advocacy**

Prerequisites:

GVT 110 OR GVT 120

Credits:

4.00

Description:

This course represents a unique opportunity for students to develop a general understanding of the relationship between politics and the community; a systematic and holistic way of viewing and analyzing the impact of community- based, community-wide organizations and efforts. Normally offered alternate years.

- **GVT-340 Moot Court**

Credits:

4.00

Description:

Moot Court consists of simulated arguments in front of the Supreme Court of the United States. Students brief approximately 20 Supreme Court cases and apply them to a hypothetical case before the Court. Students form written and oral arguments based on two constitutional questions in the hypothetical. Two person teams will develop legal oral arguments in favor of their clients. Students learn how to compose written briefs, develop a knowledge of case law, learn how to effectively respond to questioning, and develop forensic skills, and courtroom demeanor. Moot Court is a great preparation course for undergraduate students planning to attend law school.

- **GVT-345 Public Policy Writing**

Credits:

4.00

Description:

This course provides an introduction to the importance of written communication in the public discourse and in public decision-making. The course will examine some of the tools for producing relevant, useful material in the professional public policy analysis arena. The course will also study the various kinds of written communication the policy makers and advocates regularly utilize. The course also provides an introduction to the constraints that surround effective communication in public policymaking. Students will engage in drafting several different kinds of public policy analyses.

- **GVT-346 The American Presidency**

Prerequisites:

GVT 110 AND GVT 120 OR INSTRUCTOR'S CONSENT

Credits:

4.00

Description:

Perspectives on the role and problems of the presidency in American political life; the nature and difficulties of presidential influence and effectiveness, presidential authority within our system of government, and the impact of presidential character. Normally offered alternate years.

- **GVT-347 Legislative Politics**

Prerequisites:

GVT 110 and GVT 120 or instructor's consent

Credits:

4.00

Description:

The structure and functioning of legislatures. Particular emphasis on the U.S. Congress, how it works and how it compares with other legislatures. The role of legislatures in a democracy. Normally offered alternate years.

- **GVT-355 American Parties & Politics**

Prerequisites:

GVT 110 AND GVT 120, or instructor's consent

Credits:

4.00

Description:

Historical overview of party development in the U.S. and of ideological and political trends as reflected in voting behavior. Recent developments in party structure, electoral strategies and political style. The party crisis vs. the art of political campaigning. Normally offered alternate years.

- **GVT-357 Power & Politics in America's Cities**

Prerequisites:

GVT 110/120 OR INSTRUCTOR'S PERMISSION Junior status or above

Credits:

4.00

Description:

This online course is uniquely designed to examine the power dynamics and struggles that characterize the urban political landscape. Mayor leadership and corruption, community engagement and apathy, and resource and public service expansion and retraction will be critically examined as key elements that can help some cities grow and hasten the decline of others. Within an online environment we will study the dynamic cities of New York City, Chicago, Atlanta, Boston, Cleveland, Detroit, and New Orleans. Additionally, we will examine broader trends that emerge from and examination of cities by size and region.

- **GVT-359 Hockey, International Development & Politics**

Credits:

4.00

Description:

This class examines the way in which national identity, global and regional economics and international development intersect. It uses the professionalization of the sport of hockey and its subsequent spread around the globe as its case. It will look at the rise of the pro game, the way in which it shapes national identity in the Canadian case, the way in which the pro business model has changed in response to broad socio-economic changes in North America and geo-political shifts around the globe, especially in Eastern Europe and the Former Soviet Union.

- **GVT-360 Elections and Voting**

Credits:

4.00

Description:

How are elections administered in the United States? Do Americans have confidence in the electoral process? Should they? Why or why not? This course will examine elections in the United States in detail -- from how they are funded to how they are administered to how voters behave. Students will have a choice of either serving as poll workers during the November election or organizing and conducting research of potential voters. Students will gain hands-on experience in actual research design, election administration, and non-partisan get-out-the-vote activities. In addition, students will gain a deeper understanding of the relationship between attitudes, opinion, and voting behavior in American politics and institutions. ECR

- **GVT-361 Voting Rights and Election Law**

Credits:

4.00

Description:

How do laws governing the political process affect and impact political power relationships? This course investigates topics including redistricting, the right to vote, voter turnout and mobilization, election administration, the Voting Rights Act, and political parties. Students will have a choice of either serving as poll workers during the November election or organizing and conducting research of potential voters. Students will gain hands-on experience in actual research design, election administration, and non-partisan get-out-the-vote activities. In addition, students will gain a deeper understanding of the relationship between attitudes, opinion, and voting behavior in American politics and institutions.

- **GVT-363 American Foreign Policy**

Prerequisites:

GVT 281 and GVT 261

Credits:

4.00

Description:

A decision-making approach to understanding the domestic and institutional context of U.S. foreign policy. Includes analysis of continuity and change since WWII using case studies of critical decisions, e.g., Korea, Cuba, Vietnam, etc. Not open to freshmen. Prerequisites: GVT 110, GVT 120, GVT 261 or instructor's consent. 1 term - 4 credits. Normally offered every year.

- **GVT-365 IP & Public Domain: Intro to Law & Policy**

Prerequisites:

54 credits earned and GPA of 3.3 or higher

Credits:

4.00

Description:

This introduction to legal study explores law as it is practiced (the law on the books and their application) and as it is experienced in society by everyday people, clients and citizens. The goal of this course will be two-fold: (1) to introduce undergraduate students to the study of law as it is taught in law school, with an emphasis on reading cases, making arguments as lawyers do, and learning about the intersection of legal application and policymaking; and (2) study intellectual property law (e.g., copyright patent, trademark and trade secrets) as they have evolved over the 20th century with an emphasis on the importance of the public domain in the digital age. The course will be team taught by professors from the law school.

Type:

Arts Admin Minor Elective

- **GVT-367 Politics of Spain**

Credits:

4.00

Description:

This course is designed to provide students with a basic grounding in political institutions and processes in contemporary Spain. Political developments are presented in their socio-economic context, with special emphasis on the Spanish transition from a dictatorship to a democracy. Attention is also given to the issue of the Basque and Catalan nationalism, as well as the process of European integration. Prerequisite: GVT 281 or instructor's consent. 1 term - 4 credits. Normally offered alternate years at the Madrid Campus.

- **GVT-372 Coastal Zone Management**

Prerequisites:

Instructor's Consent

Credits:

4.00

Description:

This course presents a survey of a coastal environment, its physical characteristics, natural systems, economic uses, and development pressures. Lectures examine strategies formulated in the U.S. for land and water resource management in the coastal zone. The roles of federal, state and local government, environmental groups and resource users are also explored. Finally, by comparing coastal zone management problems in the U.S. to those elsewhere in the world, students gain a global perspective. Normally offered every years. The course available through the Marine Studies Consortium and will be taught on the campus of one of the Consortium's member institutions.

- **GVT-381 The Politics of the Republic of Ireland And the United Kingdom**

Credits:

4.00

Description:

This class will examine the political systems of the Republic of Ireland and the United Kingdom. It will look at the development of the Republic of Ireland from 1916 until the present paying particular attention to the role that the Irish Government has played in fostering economic development and social stability. It will further look at the country's relationships with the European Union and United States of America. The class will present Northern Ireland and the efforts to resolve the troubles there in as the nexus between these foreign relations, domestic politics in both countries and the relationship between the two of them. A key part of the class will be examining the way in which the British political system functions and is organized, paying particular attention to the multicultural and devolutionary policies that the UK government has enacted in the recent past. The impact that these changes in policy have had in resolving the conflict in Northern Ireland will be examined in depth.

- **GVT-382 Crisis and Integration in Europe**

Credits:

4.00

Description:

Why did 17 European countries surrender the sovereign control of their currency and create the Euro? Will Turkey become a member of the European Union? Will Europeans continue free riding the security protection of the United States? Is the integration process another layer of bureaucracy or an institutional instrument to deal with the permanent crises in Europe? There are some of the questions guiding the discussions in the class.

- **GVT-383 African Politics**

Prerequisites:

Credits:

4.00

Description:

The political development of Africa in colonial and post-colonial periods. Analysis of the evolution of governmental institutions includes economic, social and personal factors; political forces at work in present day Africa. Not open to freshmen. Normally offered alternate years. Cultural Diversity B

- **GVT-384 The U.S. and the International Relations of the Middle East**

Credits:

4.00

Description:

This course will explore the role played by the United States in the Middle East in the twentieth century, with emphasis on the period since World War II. Our study will begin with a decision-making approach to understanding the domestic and institutional context of America's policy toward the region, followed by an examination of that policy as it confronted radical nationalist, socialist, and Islamic movements, Soviet influence, and specific contemporary problems - the Arab-Israeli conflict, the Lebanese civil war, the Iranian revolution, the Iran-Iraq War, and the Gulf War. Open to non-majors, not open to freshmen. Normally offered alternate years.

- **GVT-385 South Asian Politics**

Prerequisites:

Not open to freshmen.

Credits:

4.00

Description:

The main goal of the course is to provide an overview of the main political, economic, and social processes taking place in this region. This course explains the strategies that the eight South Asian countries are implementing in order to deal with the globalization process. The primary focus of the course will be to provide students with the understanding of the main regional trends, but it also has case studies of some of the political systems in

the region. Students will analyze and evaluate the concepts learned in basic courses in international relations, political science, and other disciplines in social sciences as they apply to South Asia. Normally offered alternate years.

- **GVT-386 Conflict and Development: Continuation**

Prerequisites:

Instructors Consent

Credits:

1.00

Description:

This course will briefly examine the political history of what would become Yugoslavia, beginning in the interwar period and following the process of unification of the South Slav state. After analyzing Yugoslavian politics during the Tito era, attention will turn to what happened to this state after Tito's death in 1980. Students will be expected to understand the controversies over what caused the break-up of Yugoslavia, and will read many opposing interpretations of the events that began in the 1990s and continue today. Offered at the Madrid Campus.

- **GVT-387 Conflict & Development in Asia Service Abroad**

Prerequisites:

GVT 281 or instructor's consent. Junior status or above

Credits:

4.00

Description:

Current political trends in the Caribbean and in selected Central American nations. Emphasis will be placed on comparative analysis of public policies in the region, as well as on external factors which impact on politics in the Caribbean and Central America. Students will use academic sources in their analysis, as well as novels and other literary sources for the background of their analysis. Not open to freshmen. Normally offered every third year.
Cultural Diversity B

Type:

Global Engagement Experience

- **GVT-389 Politics of China**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

Emphasis on a particular approach to the problems of economic modernization and political development. Historical background; the revolutionary movement; present political structures and current issues. Cultural Diversity B

Type:

Asian Studies

- **GVT-390 Global Politics of Resistance**

Credits:

4.00

Description:

Utilizing the theoretical frameworks of Comparative Politics and International Relations, this course will focus on a critical analysis of contemporary forms of resistance politics, such as those culminating in popular struggles for peace, democracy, human rights, economic justice, gender equality, environment, and the rights of indigenous peoples.

- **GVT-391 Canada: Multicultural Politics**

Prerequisites:

GVT 110/120 or Instructor's permission

Credits:

4.00

Description:

This course examines the Canadian model of incorporating diverse communities into its constitutional and political framework, including the founding British North American Act of 1867, the 1982 Constitution Act, and two later attempts at constitutional reform. Canada's role in balancing two official languages, English and French, is discussed, as is its recognition of a First Nations native-governed territory in the Arctic. This course introduces students to the Canadian polity and compares its parliamentary system with the U.S. separation of powers system. Prerequisites: GVT 110, GVT 120 or instructor's consent. Normally offered alternate years. Cultural Diversity B

• GVT-393 Latin American Politics Today

Prerequisites:

GVT 281 or instructor consent

Credits:

4.00

Description:

This course examines the evolution of Latin America in the context of globalization. The first part analyzes the main political and economic trends of Latin America as a region, while the second presents the main challenges Mexico is facing today in the area of security. The third part moves forward into the detailed explanation of the transformations of the largest South American countries such as Colombia, Argentina, Chile and Venezuela, among others. The final section looks at the relationship between Latin America and the United States.

• GVT-401 Political Marketing

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This class will examine the techniques used to market political candidates, parties, issues, interest groups and think tanks in the modern American polity, as well as in Canada and the EU. The class will examine the causes and impact of the change that many observers have seen in the American polity from a civil to a consumptive political culture and question the extent to which this is a U.S. based versus more global phenomenon. At the same time, the class will aim to provide the student will a hands-on understanding of the way in which various marketing techniques are employed to sell politics. The techniques will include message development, branding, micro-targeting, and political marketing campaign strategy by looking at a series of cases from around the world. Cases examined will include the Barack Obama , Hillary Clinton and John McCain campaigns from 2008, the effort to brand the Conservative Party and New Labour in the United Kingdom.

- **GVT-H401 Political Marketing**

Prerequisites:

Junior status or above, CAS Honors Program

Credits:

4.00

Description:

This class will examine the techniques used to market political candidates, parties, issues, interest groups and think tanks in the modern American polity, as well as in Canada and the EU. The class will examine the causes and impact of the change that many observers have seen in the American polity from a civil to a consumptive political culture and question the extent to which this is a U.S. based versus more global phenomenon. At the same time, the class will aim to provide the student will a hands-on understanding of the way in which various marketing techniques are employed to sell politics. The techniques will include message development, branding, micro-targeting, and political marketing campaign strategy by looking at a series of cases from around the world. Cases examined will include the Barack Obama , Hillary Clinton and John McCain campaigns from 2008, the effort to brand the Conservative Party and New Labour in the United Kingdom.

Type:

Honors

- **GVT-404 International Political Marketing**

Prerequisites:

At least 54 credits required.

Credits:

4.00

Description:

This class will examine the ways in which political marketing is conducted across the globe. It will look at a variety of political systems and cultures in an effort to discern which techniques work best with which political systems and political cultures. The cases will be drawn from all 7 continents and a wide diversity of socio-political cultures. Cases are likely to include Canada, New Zealand, India, Japan, Ireland, the United Kingdom, Argentina, Russia and many others. By the end of the class, students should have a strong sense of how political marketing is done globally and which techniques work best with which systems.

- **GVT-410 Politics of Korea**

Prerequisites:

Junior Status required

Credits:

4.00

Description:

Study of the government and politics of North and South Korea, including the political systems of the two countries and relationship between them, including issues of reunification, nuclear weapons, and democratization. Offered alternate years.

Type:

Asian Studies

- **GVT-411 Politics of North and South East Asia**

Prerequisites:

Junior Status required

Credits:

4.00

Description:

This course examines the cultural background and political systems mainly of China, Korea and Japan, also touching upon the small tiger states in South-East Asia. It elucidates the historical origins, evolution and current trajectory of these states with a particular concentration on North Korea. One further concentration is the interplay of domestic and foreign policy in the relations of these states, regional stability and cooperation. Topics include history, social structure, the interplay of culture and ideology, political economy, humanitarian issues, security, and the politics of North Korean domestic and foreign policy. We will spend considerable time analyzing China's and North Korea's relationship with regional and world powers and examining the origins, history, and implications of the North Korean nuclear weapons program. Students will be expected to demonstrate the ability to apply theoretical and historical knowledge toward analyzing the rapidly evolving landscape of contemporary issues related to East Asia.

Type:

Asian Studies

- **GVT-434 Immigration Policy and Politics**

Prerequisites:

Junior Status required

Credits:

4.00

Description:

This course examines how American governmental institutions, political actors, and processes have both shaped and responded to one of the most significant and complex issues of public policy facing the nation: immigration to the United States. This class will explore a number of intriguing and difficult policy topics related to the almost unprecedented level of immigration that the U.S. has been experiencing. The focus of the class will include the following: admissions, citizenship, deportation and detention (including that of suspected terrorists), refugee/asylum law, and highly contested issues of today, such as definitions of citizenship, immigrant rights, and border enforcement. A major objective of this course is to provide students with the opportunity to conduct their own original research in American politics by delving into some aspect of immigration as a public policy issue.

- **GVT-438 Environmental Policy & Politic**

Prerequisites:

This course will have a service learning component Junior Status required

Credits:

4.00

Description:

From Rio to the Boston Harbor Project, this course examines the policies and politics of the environment. It examines the origins of the environmental movement in the United States focusing on the development and present function of government and non-government organizations responsible for the development and implementation of global, national, state and local environmental policies.

• GVT-439 Global Environmental Threat

Prerequisites:

Junior Status required

Credits:

4.00

Description:

In the 20th century the general public became aware of the need for following a sustainable lifestyle. Non-governmental organizations, governmental institutions and individuals began to study environmental problems and issues to enhance the concept of conservation of nature and the protection of the planet's biodiversity among other important concepts. However, as we enter the 21st century, we are finding ourselves involved in new environmental threats such as increasingly disturbing natural disasters, eco-terrorism and endless extreme poverty. This course is aimed at learning the basic environmental aspects that affect society and nature as a whole, along with the new issues that are arising and leading scientists to continue new lines of research in the field of environmental conservation and awareness, knowing also that the key to hope lies in the field of environmental education. Offered on the Madrid Campus only.

• GVT-H439 Honors Global Environmental Threat

Prerequisites:

Junior Status required

Credits:

4.00

Description:

In the 20th century the general public became aware of the need for following a sustainable lifestyle. Non-governmental organizations, governmental institutions and individuals began to study environmental problems and issues to enhance the concept of conservation of nature and the protection of

the planet's biodiversity among other important concepts. However, as we enter the 21st century, we are finding ourselves involved in new environmental threats such as increasingly disturbing natural disasters, eco-terrorism and endless extreme poverty. This course is aimed at learning the basic environmental aspects that affect society and nature as a whole, along with the new issues that are arising and leading scientists to continue new lines of research in the field of environmental conservation and awareness, knowing also that the key to hope lies in the field of environmental education. Offered on the Madrid Campus only.

Type:

Honors

- **GVT-441 Ready, Set, Run!**

Prerequisites:

Junior Status required

Credits:

2.00

Description:

Designed to introduce students to the nuts and bolts of preparing to run for office or guiding a candidate through the process. Students learn how to file nomination papers, develop a field team, and create a general branding strategy.

- **GVT-442 Candidate Definition**

Prerequisites:

Junior Status required

Credits:

1.00

Description:

Students learn the basics of how candidates successfully introduce their candidacy to the public. From announcing the campaign to conducting meet and greets to producing candidate photos, this course guides to through the process of effectively defining the candidate.

- **GVT-443 Candidate Media Strategy 101**

Prerequisites:

Junior status required

Credits:

1.00

Description:

Students learn the fundamentals of how to maximize positive media coverage with attention paid to generating endorsements, developing non-paid media, and persuading voters.

- **GVT-444 Campaign Issues: Taking a Stand**

Prerequisites:

Over 54 credits required.

Credits:

1.00

Description:

In this highly interactive course, students learn how to develop position papers, conduct opposition research, and ultimately use their knowledge to convey information effectively in political speeches and debates. Attention paid to message development.

- **GVT-446 Getting Out the Vote**

Prerequisites:

Junior Status required

Credits:

1.00

Description:

Learn the cutting edge techniques to help register new voters, identify voters, and effectively manage election-day operations to increase turnout for your candidacy. Learn how to successfully recruit and retain volunteers.

- **GVT-447 Race, Gender, and Sexual Orientation on Campaigns**

Prerequisites:

Need to have completed at least 54 credits

Credits:

1.00

Description:

This course will examine the role that race, gender and sexual orientation fill on political campaigns. We will explore the challenges and opportunities that women, people of color, and LGBT individuals face as candidates, the consequences diversity (or lack thereof) on campaign team, and how race, gender, and sexual orientation are mobilized by campaigns to reinforce messages, target voters and raise money.

- **GVT-450 Lobbying, the Media and Public Policy Opinion, and Politics**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This class will examine the role of lobbyist and the media in influencing state and national decision makers and public policy. Focusing primarily on current issues relating to energy and environmental policy, we will discuss and critically examine all sides of today's hot topics- renewable power, climate change, sustainability and others. The goal is not to determine who is right and who is wrong, but rather to get behind the headlines and separate fact from hype and discuss how and why certain policy decisions are made and how policy makers are influenced. You'll gain an appreciation as to how public opinion, lobbyists and the media (even celebrities!) can actually change government priorities- and not always for the better, as rising public opinion and political pressure often collides with well established scientific evidence.

- **GVT-451 The Political Brand: Theory and Practice**

Credits:

2.00

Description:

This class will introduce you to the theories and practice of branding as used in politics. To provide students with a sense of the concept of branding, to look at the way in which the rise of branding as a political tool and strategy has impacted civic and political life in the United States and globally, and to provide students with hands on experience in building a number of kinds of political branding.

- **GVT-462 Debates on Conflicting Ideas in U.S. Foreign Policy**

Prerequisites:

GVT 261. Junior status or above

Credits:

4.00

Description:

In order to understand the change and continuity in U.S. foreign policy, it is crucial to examine the debate among those who inform the ideas put forward by U.S. foreign policy experts, policymakers, and the group-whether political parties or NGOs-with which they are allies. This course will explore the importance of ideas in U.S. foreign policy from the early days of the republic with an emphasis on the post-World War II period.

Prerequisite: GVT 281 or instructor's consent. Open only to Juniors and Seniors. 1 term - 4 credits.

- **GVT-463 International Legal Systems**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This course explains the main components of the international legal system. It begins by exploring the rules, principles and norms that govern the relationship among states, the different cultural and philosophical legal perspectives and the history of the international legal system. The second part

of the course covers the study of the sources and subjects of the international law, the jurisdiction of states, the peaceful settlement of disputes, the use of force and the legal personality of international actors. The third part of the course addresses a number of significant topics derived from the process of globalization legal norms: human rights, humanitarian intervention, law of the sea, environmental law, and economic relations.

- **GVT-465 International and Transnational Organizations**

Prerequisites:

GVT-261 Junior Status required

Credits:

4.00

Description:

This course explores the institutional structures, political processes, and impact of international governmental and nongovernmental organizations. It analyzes their increasingly prominent role in efforts to resolve a wide range of global problems and contribution to strengthen the current system of global governance. While the course covers the problems of international security, global distribution of wealth, deterioration of the environmental system, and threats to social welfare, it focuses on the interaction between the United Nations System and regional organizations, on the one hand, and the role of non-governmental organizations in cooperating or competing to solve specific problems in the area of international relations.

- **GVT-466 Governance & Regional Political Economy**

Prerequisites:

Junior Status required

Credits:

4.00

Description:

This course examines the intertwined nature of the globalization and regionalization processes from the perspective of global political economy. The first part of the course provides the basic elements and indicators to understand the main challenges the international economy is facing such as crisis, protectionism, and underdevelopment, inter alia. The second part presents the evolution of globalization and regionalism in the past decades. The third and final section compares how the distinct regions in the world are dealing with local and global problems; particularly attention is paid to the European Union, NAFTA, Mercosur and APEC.

- **GVT-467 Comparative Social Movements**

Prerequisites:

Junior status

Credits:

4.00

Description:

How do we explain the appearance or absence of social movements? What social or individual factors explain their development and decline? Who joins social movements? Who does not? Why? What ideas or ideals animate those who do participate? What is it like to be part of a social movement? What effect do they or have they had on politics, power and efforts at social change? These are some of the questions that have traditionally shaped debates over social movements, both domestically and internationally. They will form the analytical core of the work in this course. By critically evaluating several competing schools of thought in social movement theory and history we will attempt to highlight the social forces that have, at varying points in times, facilitated, maintained, as well as blocked the development of social movements in the US and beyond.

- **GVT-469 International Human Rights**

Prerequisites:

GVT 261 Junior status or above

Credits:

4.00

Description:

An examination of human rights at the end of the 20th century. Attention will be given to the origin and expansion of the concept of human rights in different political systems, the links between culture and human rights and the means and mechanisms for safeguarding human rights with particular reference to the United Nations system.

- **GVT-473 American Political Thought**

Prerequisites:

open to juniors and seniors only

Credits:

4.00

Description:

Reading and discussion of original works by significant American political thinkers. Readings vary, but might include The Federalist and works by Paine, Jefferson, Calhoun, Thoreau, Sumner, Reed, Dewey, Lippman, Goodman, King, Malcolm X, Carmichael, Hamilton, Friedan and Dillinger. Offered every year.

• GVT-475 Radical & Revolutionary Political Thought

Prerequisites:

Open to Juniors and Seniors only.

Credits:

4.00

Description:

This course focuses on those political thinkers, such as socialists, feminists, anarchists, pacifists, and ecologists, who have opposed established order and sought to change it. Topics covered include utopian visions (e.g., Owen, Morris, Bellamy, Gilman), criticism of existing institutions (Wollstonecraft, Marx, Fanon, de Beauvoir) and strategies for change (Goldman, Malcolm, Lenin, Cabral). The emphasis is on reading original theoretical works, with several writings assignments. Normally offered every third year.

• GVT-485 Politics of the Middle East

Prerequisites:

TAKE GVT-281 OR INSTRUCTOR'S CONSENT Junior Status required

Credits:

4.00

Description:

Interlocking themes making the contemporary Middle East an area of chronic conflict: Big Power rivalries; social and political change within individual countries; unity and Arab rivalry involved in Arab nationalism; the Palestinian-Israeli-Arab dispute. Normally offered alternate years. Cultural Diversity

- **GVT-501 Senior Seminar**

Prerequisites:

Senior status

Credits:

1.00

Description:

This course is designed to provide all Government degree-seeking students with a team-taught capstone experience. In this course, we will collectively discuss and consider career, professional and academic experience for the Government major, including learning more about the fields of public policy, public service, law, nonprofit management, international development, and nongovernmental organization management. This course focuses on career entry and transition, networking for career success, impression management concept and skills, and related life-long learning skills. Students articulate and reflect on academic, work, and co-curricular experiences from the perspective of professionals entering or advancing their careers. Pre-requisite: Senior standing.

- **GVT-503 Washington Academic Seminar I**

Prerequisites:

Instructor permission required

Credits:

4.00

Description:

An intensive off-campus experience, normally of two-week's duration, arranged through The Washington Center in Washington, D.C. Topics vary. Students will be graded by both an on-site evaluator and an assigned Government Department faculty member. In addition, students are normally required to meet three times during the semester of registration, keep a journal of the off-campus experience and to write a significant research paper based on the topic of the academic seminar.

- **GVT-505 Washington Seminar on National Security**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

A two-week intensive seminar in Washington DC; the first week will focus on a look inside the defense and intelligence community in the US government; the second week will examine issues, threats, and challenges in global society. The seminar, carried out in partnership with The Washington Center for Internships and Academic Seminars, will include briefing sessions with security officials, site visits, small group meetings, keeping a journal, and academic papers. There will also be some further academic work after you return to Suffolk. Prerequisites: Registration in this course requires advance application. The seminar is offered in May, and applications are due by March 1. Interested students should consult the instructor for further details.

• GVT-506 Political Convention Program

Prerequisites:

Instructor permission required

Credits:

4.00

Description:

An opportunity to do an internship through The Washington Center at either the Republican National Convention or the Democratic National Convention. Students will learn what goes on behind the scenes and interact with important public figures influential in setting public policy at various levels of government. The week prior to the convention is spent in Washington, D.C. studying the electoral process, becoming familiar with conventions operations and preparing for convention fieldwork assignments. Students will hear from a wide variety of speakers, including members of the media, party officials, and other political personalities. Students are then assigned as volunteers to assist with the work of the convention during the second week.

• GVT-507 GVT Study Trip

Prerequisites:

INSTRUCTOR'S PERMISSION This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

APPROVAL OF DEPT. CHAIRPERSON. Specially arranged study trip to a foreign country for the purpose of obtaining knowledge through direct experience and observation. Includes prearranged site visits, meetings, required reading and written assignments. ECR

• GVT-509 United Nations Seminar

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

This course provides an introduction to the study of the role of the United Nations System in the globalization era. The course is divided in two main sections. The first is based on a series of readings, lectures and discussion on the rules, principles and norms which govern the relationship among states and the UN system; it also covers traditional topics such as the sources and subjects of international law, the jurisdiction of states, the peaceful settlement of disputes, the use of force and the legal personality of international actors, human rights, humanitarian intervention, global environment, used of armed forces, as well as economic relations. The second part of the course is based on a required study trip to the UN headquarters in order to experience a direct contact with policy-makers within the UN system in a diversity of areas such as security, aid and peacekeeping areas.

Type:

Global Engagement Experience

• GVT-510 Independent Study

Prerequisites:

Instructor's consent required

Credits:

1.00- 4.00

Description:

Individual program of reading and research on an approved topic under the supervision of a member of the department. Only for qualified juniors or seniors. Offered every semester.

- **GVT-515 Senior Seminar**

Credits:

1.00

Description:

This course is designed to provide all Government degree-seeking students with a team-taught capstone experience. In this course, we will collectively discuss and consider career, professional and academic experience for the Government major, including learning more about the fields of public policy, public service, law, nonprofit management, international development, and nongovernmental organization management. This course focuses on career entry and transition, networking for career success, impression management concept and skills, and related life-long learning skills. Students articulate and reflect on academic, work, and co-curricular experiences from the perspective of professionals entering or advancing their careers. Pre-requisite: Senior standing.

- **GVT-521 Internship in Government**

Prerequisites:

Government major, sophomore status. Applications to participate must be approved by the Instructor. It is the responsibility of students to arrange internship placements in advance of the course.

Credits:

4.00

Description:

This course is designed to enhance the academic learning students achieve in a substantive government, politics, issue advocacy, public policy or public administration related, supervised, internship that is concurrent with the seminar. Students will use their experiences in the internship of their choosing as a basis for reflection, analysis, skills and career development. Individual learning goals and objectives will be formulated for each student, based on their placement, interest and career goals. Internships must be a minimum of 120 hours in total and approved by the instructor in advance.

- **GVT-523 Washington Internship**

Prerequisites:

Sophomore standing and instructor's permission required

Credits:

12.00

Description:

A full-time, one-semester internship in Washington, D.C. Consult the Department office for more details. ECR

- **GVT-524 Washington Internship-Summer**

Prerequisites:

Sophomore standing and Instructor's permission required

Credits:

8.00

Description:

A full-time summer internship in Washington D.C. Consult the Department for more details. ECR

- **GVT-525 Washington Internship Seminar**

Prerequisites:

Concurrent enrollment in GVT 523 or GVT 524; sophomore standing; Instructor permission.

Credits:

4.00

Description:

ECR

- **GVT-526 International Internship-London**

Prerequisites:

Junior standing; GVT 528 & GVT 529 Concurrent; Instructor permission.

Credits:

8.00

Description:

A full-time, one-semester International Internship in London. Students must also complete academic work designed to enhance experiential learning and professional development in their internship abroad that is supervised by a Suffolk instructor. Course work will include developing individualized learning goals and objectives for their internships, journaling, mid-term self-evaluation and a final research paper.

- **GVT-527 International Internship-Brussels**

Prerequisites:

Junior standing; GVT 528 & GVT 529 Concurrent; Instructor permission

Credits:

8.00

Description:

A full-time, one-semester International Internship in Brussels. Students must also complete academic work designed to enhance experiential learning and professional development in their internship abroad that is supervised by a Suffolk instructor. Course work will include developing individualized learning goals and objectives for their internships, journaling, mid-term self-evaluation and a final research paper.

- **GVT-528 International Seminar I**

Prerequisites:

Concurrently with GVT 526 or GVT 530 and GVT 529

Credits:

4.00- 8.00

Description:

One of two required seminars to be taken by International interns and service learning participation. ECR

- **GVT-529 International Seminar II**

Prerequisites:

Concurrently with GVT 526 or GVT 530 and GVT 528

Credits:

4.00- 8.00

Description:

One of two required seminars to be taken by International interns and service learning participation ECR

- **GVT-533 International Internship-Edinburgh**

Prerequisites:

Junior standing; GVT 528 & GVT 529 Concurrent; Instructor permission

Credits:

8.00

Description:

A full-time, one-semester International Internship in Edinburgh. Student must also complete academic work designed to enhance experiential learning and professional development in their internship abroad that is supervised by a Suffolk instructor. Course work will include developing individualized learning goals and objectives for their internships, journaling, mid-term self-evaluation and a final research paper.

- **GVT-534 Experiential Learning in Government**

Prerequisites:

Instructor consent required

Credits:

1.00-12.00

Description:

Internships and practicum in Government are available prior to the start of each semester. Offered Fall and Spring.

- **GVT-538 Summer Campaign Lab**

Prerequisites:

Junior status or higher and Instructor Consent

Credits:

3.00

Description:

This two-week, intensive class will combine in-depth training on building and running a successful campaign, with site visits to leading political strategy and non-profit agencies. Students will broaden their network meeting leaders in government, public policy, and non-profits by participating in evening speaker series and networking events. Evening teamwork will culminate in a final campaign plan to be presented on the final day of the program.

- **GVT-555 Senior Thesis**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Individual program of reading, research, writing on an approved topic under the supervision of a member of the department, for students in all tracks who meet the criteria for departmental honors and who wish to prepare a thesis for submission to the honors committee. Must be taken in the first semester of the senior year. Prerequisites: Grade point average 3.0 overall, 3.4 in major; completion of a minimum of 6 credits in Government at

Suffolk University; advisor's signed consent; application approved by honors committee in spring of applicant's junior year. 1 term - 4 credits. Normally offered every fall.



2017-2018 Archived Catalog Information

Graphic Design

Course descriptions may be updated periodically to reflect changes since the last published catalog.

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Major Requirements: 28 courses, 88-89 credits

Courses numbered 200 and above have as a prerequisite the completion of the Foundation Studies program or its equivalent. Exceptions may be made only with the permission of the instructor and the Graphic Design program director.

The letter "S" preceding the course number indicates a studio course. A studio fee is assessed for all studio courses.

In addition to the required courses listed below all BFA candidates must participate in all portfolio reviews and exhibit work in the Graphic Design Student Exhibition.

For a specific sequence of courses, contact your advisor or the department.

Core Requirements (25 courses, 79-80 credits)

- ADF-S101 Foundation Drawing I

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• ADF-S102 Foundation Drawing II

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the nude human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

- **ADF-S152 3-Dimensional Design**

Prerequisites:

ADF S151 or ADF S166; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

- **ADF-S156 Imaging**

Prerequisites:

ADF S166; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

Digital visual image generation and modification, especially when combined with traditional hand techniques, are essential skills for artists and designers of the 21st century. This course introduces techniques of image capture, manipulation and output. Weekly and longer-length assignments will address creative and innovative idea generation using these approaches.

Term:

Offered Both Fall and Spring

- **ADF-S166 2D/Color**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

Type:

Arts Admin Minor Elective

- **ADF-S171 CI: Integrated Studio 1**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

Type:

Creativity and Innovation, Arts Admin Minor Elective

- **ADF-S172 CI: Integrated Studio II**

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

Type:

Creativity and Innovation

- **ADG-S201 Basic Typography**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

This course will introduce students to the creative use of typography in the design process and will provide them with the skills and knowledge necessary to design with type.

Term:

Offered Fall Term

- **ADG-S202 Computer Typography**

Prerequisites:

ADG S201 and ADG S219

Credits:

3.00

Description:

This advanced course focuses on the translation of the historical knowledge and hand skills learned in Basic Typography into a digital format. Students will learn how to produce quality typography, as well as experiment with and explore letterform design and manipulation.

Term:

Offered Spring Term

- **ADG-S204 Design Beyond Design**

Credits:

3.00

Description:

This course focuses on the multi-disciplinary nature of the graphic design profession and the designer as a visual communicator, critical thinker and problem solver. Students will be exposed to a series of outside topics to which they will apply design solutions, mirroring the range of fields in which designers today are employed.

- **ADG-S206 Graphic Design I**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

Emphasizing the creative process from thumbnail to comprehensive, the course will also introduce the student to the language, tools, and techniques of the professional graphic designer. Attention will be paid to conceptualization, production and presentation in solving design problems. This course will expose students to a series of assignments designed to show step-by-step problem solving from observation and research, to the incorporation of these findings into the design of communication vehicles.

Term:

Offered Fall Term

- **ADG-S207 Graphic Design II**

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

A continuation of the skills learned in Graphic Design I, involving projects that are broader in scope, more in-depth, and address societal issues.

Term:

Offered Spring Term

- **ADG-S213 Web Design I**

Prerequisites:

ADG S219

Credits:

3.00

Description:

This course will introduce basic web site design and creation skills to students in order to prepare them for more advanced study in Web Design II. The class will use a variety of industry standard software to design and create basic working websites. Students will learn HTML, XHTML and CSS.

JavaScript, Flash and Action Scripting will be discussed and presented as supplemental tools. Information architecture, wire frames, interface design, user experience and web page layouts will be explored. The history, societal context and future of new media will be discussed throughout the semester.

- **ADG-S214 Illustration for Designers**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course introduces the skills necessary for meeting clients illustration needs in a variety of media appropriate to their context. Emphasis will be placed on developing the ability to draw real objects and real people while advancing a personal style. Students' development of visual research and photo reference, thumbnailing and rendering skills for a presentation of ideas and concepts while designing the proper environment for their illustration will be required.

Term:

Offered Spring Term

- **ADG-S219 Computer Applications in Design**

Credits:

3.00

Description:

In this course students will learn the major software applications used by graphic designers, such as Adobe Creative Suite: InDesign, Illustrator, and Photoshop. Through a series of problems, students will learn how and when to use specific software to produce their solutions and prepare portfolio-quality design.

Term:

Offered Fall Term

- ADG-224 History of Graphic Design

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

- ADG-337 Professional Practice

Prerequisites:

Senior BFA status

Credits:

3.00

Description:

This senior-year course is designed to provide final preparation for employment in the field of graphic design. In addition to helping each student develop a professional portfolio, the course will provide students with practical knowledge of the business aspects of graphic design, interviewing skills, resume preparation, personal branding and help students target internship opportunities for the following semester.

Term:

Offered Fall Term

- ADG-S340 Web Design II

Prerequisites:

ADG S213 or Instructors permission

Credits:

3.00

Description:

This course is intended as a continuation of the experience gained in Web Design I. The objective of the course is the development of advanced conceptual skills such as prototyping, usability testing, interactive philosophy, accessibility, project and content management. Students will further develop their professional multimedia skills by working with HTML, XHTML, CSS and other industry-standard tools. JavaScript will be discussed and we will use Flash for animation and video. Current techniques for distributions on mobile devices will be explored. Software that will be used during the class will include Dreamweaver, Flash, and other professional level software tools.

- **ADG-S344 Graphic Design III**

Prerequisites:

ADG S202, ADG S207, and ADG S219

Credits:

3.00

Description:

This continuation of Graphic Design I and II (ADG S206, 207) will concentrate on increasing sophistication in creative problem-solving abilities. Students will also develop an understanding of prepress terms and operations and the impact of technology on those operations. It will also provide the knowledge and skills necessary to enable students to make appropriate prepress decisions regarding more complex projects. Senior status preferred.

Term:

Offered Fall Term

- **ADG-S345 Graphic Design IV**

Prerequisites:

ADG S344

Credits:

3.00

Description:

A continuation of the concepts and skills developed in Graphic Design III and their application to more complex, multi-pieced, in-depth projects.

Term:

Offered Spring Term

- **ADG-S354 Advanced Computer Applications**

Prerequisites:

ADG S201, ADG S206, and ADG S219

Credits:

3.00

Description:

This course is designed to further explore software applications for specific and experimental effects. It aims to provide students with the knowledge and skills necessary to choose the appropriate software application and to execute the desired design, focusing on the design itself rather than on the limitations of computer programs. The course also focuses on solving the technical and production problems when preparing artwork electronically for printing. Software applications include Adobe Creative Suite:InDesign, Illustrator, and Photoshop.

Term:

Offered Spring Term

- **ARH-101 Art History I**

Credits:

4.00

Description:

Surveys the art of Western civilization from prehistoric caves to medieval cathedrals. Considers works from the Ancient Near East, Ancient Egypt, Ancient Greece and Rome, the Byzantine Era, the Romanesque Period, and the Gothic Period in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-102 Art History II**

Credits:

4.00

Description:

Surveys the art of Europe and America from the Renaissance to the present. Considers work of painting, sculpture, and architecture from periods such as the Renaissance, the Baroque, the Rococo, Neoclassicism, Romanticism, Impressionism, Abstract Impressionism, and Post-Modernism in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

Choose one of the following:

- **ADG-400 Graphic Design Internship**

Prerequisites:

Senior BFA status.

Credits:

3.00- 4.00

Description:

Seniors are required to pursue an internship with a local graphic design firm, whose work is directly related to that students intended area of professional concentration. Interns will observe and participate in all office procedures permitted by their place of internship and will be required to maintain a notebook of their observations. Required classroom seminars will reinforce new skills, share learning experiences and answer questions or concerns.

Term:

Offered Spring Term

- **ADG-S410 Thesis Studio**

Prerequisites:

Senior BFA standing required.

Credits:

3.00

Description:

The Thesis Studio involves the application of previously learned studio skills in a detailed investigation of a design project relating to the student's intended professional area of specialization. Normally offered spring semester.

Choose an Art History course

Studio Electives (3 courses, 9 credits)

These electives are subject to change and must be approved by the Graphic Design program director. Choose three of the following:

- **ADG-S302 Italian Journal: Painting and Drawing On Paper**

Prerequisites:

Instructors Consent

Credits:

3.00

Description:

This faculty-led study abroad course introduces the skills necessary for meeting clients' illustration needs in a variety of media appropriate to context. Florence, Italy and its environs will serve as the subject matter and catalyst in developing the ability to draw objects, i.e. Architecture, people and landscape while advancing a personal style. Study will begin with a pre-departure journal/book binding workshop at Suffolk University and then to the outdoors in and around Florence, Italy, Tuscan hill towns and the Veneto, where students will explore basic illustration styles, methods and techniques.

Term:

Summer

Type:

Global Engagement Experience

• ADG-S305 Conceptual Typography

Prerequisites:

Take ADG-S202

Credits:

3.00

Description:

This course is designed to build on core typography knowledge and further students' understanding of the conceptual possibilities of using type in design. Advanced typographic problems requiring the implementation of both traditional and alternative methods will facilitate a deeper exploration of modern communication issues including layered hierarchies, type in motion, typographic voice and illustration.

• ADG-S311 Integrated Advertising

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

This course will provide instruction towards creatively translating marketing needs into innovative and effective advertising solutions through a series of challenging projects. Students will learn skills applicable to the advertising industry by focusing on creative executions across multiple-media applications including print, direct mail, collateral, outdoor, online, and other media. There will be emphases on idea generation and campaign development with the goal of message communication through the balance of various elements including page design, copywriting, typography, illustration, photography, and visual effects. The history of advertising from the early 20th century to the ever-changing complexity of today's digital landscape will be studied.

Term:

Occasional

• ADG-S312 Packaging Design

Prerequisites:

ADG S201 or ADG S601 AND ADG S206 or ADG S606 AND ADG S219 or ADG S619 OR Instructor Permission.

Credits:

3.00

Description:

In this course, students will study the evolution and history of packaging design, discuss philosophies, learn industry terminology and examine contemporary designs. Using case studies, students will analyze the package design process from concept to production and over the course of the semester, develop a line of packaging and supporting marketing materials for one brand. Guest lectures and field trips will supplement readings and in-class discussions, which will address brand extension and consistency, packaging templates, professional procedures, product photography and printing.

Term:

Occasional

• ADG-S316 Interactive Project Development

Prerequisites:

ADG S340 or Instructor's consent.

Credits:

3.00

Description:

This course will allow students to take the skills learned in Web I, Web II and Advanced Topics, and apply them to the kinds of projects they'll see in a professional setting. The class will focus on challenging students to develop a holistic understanding of how the code they write affects their designs, and vice versa, and to think about how all aspects of building a website affect the final user experience. There will also be a strong emphasis on expanding student digital portfolios, with numerous projects based on actual client requests, fully mobile-friendly responsive sites, group projects and more. Students will learn related skills like server management, search engine optimization and how to work as part of a team. This class is intended to prepare students who plan to enter the web and interactive fields upon graduation.

Term:

Occasional

• ADG-S330 Motion Graphics

Prerequisites:

ADG S219 OR instructor approval

Credits:

3.00

Description:

Enter the world of motion design and learn how to make movies that incorporate image, type and video. This class will focus on learning to create moving graphics that are geared toward being broadcast on television, web or film. Students will create time-based works such as title sequences, ads, and videos that they art direct. In the very near future, motion design will be a necessary skill for designers to compete in the marketplace. Motion design can be applied to many areas of graphic design from on-screen presentation to environmental design. During the class, students will build their motion design portfolio that will give them an edge above conventional print and web designers.

Term:

Offered Spring Term

• ADG-S334 Publication Design

Prerequisites:

ADG S202 and ADG S207 and ADG S219 or Instructor's Consent.

Credits:

3.00

Description:

This course will focus on the skills necessary to create publications such as books, magazines, annual reports and catalogs. The goals of this course are three-fold: to further enhance the understanding of typography in regard to publications, to provide the skills and knowledge necessary to design publications for either a print or digital environment, and to integrate the students' own art and/or photography in their work.

Term:

Offered Fall Term

• **ADG-S360 Corporate Design**

Prerequisites:

ADG S202 and ADG S207

Credits:

3.00

Description:

This course explores the issues of contemporary branding used to identify, establish and promote the business community. Specific emphasis will be placed on the analysis and development of corporate identity systems including the development of logotypes, stationery, signage systems, marketing collateral/advertising/direct mail campaign development, environmental graphics and websites.

Term:

Occasional

• **ADG-S365 Digital Photography**

Credits:

3.00

Description:

This course offers students the experience of creating digital and film photographs while studying concepts of art direction and techniques that can enhance their compositions. The primary objective is to generate professional still and motion images for digital media, including the Web. Students will manipulate their photographic images using Photoshop rather than the traditional darkroom. Students will also learn how to photograph their own artwork and use a digital camera. Advanced students will be encouraged to explore independent tracks of study.

Term:

Occasional

- **ADG-S366 Environmental Graphic Design**

Prerequisites:

ADG S202, ADG S207 and ADG S219

Credits:

3.00

Description:

A cross disciplinary course bringing together interior design students and graphic design students to collaborate on problem solving in the visual and built environments. In the studio, students will be exposed to design issues and problems, both experiential and graphic. Students will be working in teams bringing new insight to solutions for a variety of client/project types. Field trips to fabricators, professional firms and EGD sites will be included. This is a survey class designed to introduce students to ways of producing three dimensional graphic design projects within the built environment.

Term:

Occasional

- **ADFA-S251 Printmaking Studio**

Credits:

3.00

Description:

This course is designed to familiarize students with the printmaking studio and various techniques. Students will gain exposure to a number of techniques including non-toxic processes. Over the course of the semester, students will be expected to develop a portfolio of prints while working in class and independently.

Term:

Offered Fall Term

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Graphic Design

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Minor Requirements: 6 courses, 18 credits

BFA candidates may not double count major requirements towards the minor.

Course substitutions are permissible per minor advisor consent.

- **ADG-S201 Basic Typography**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

This course will introduce students to the creative use of typography in the design process and will provide them with the skills and knowledge necessary to design with type.

Term:

Offered Fall Term

- **ADG-S202 Computer Typography**

Prerequisites:

ADG S201 and ADG S219

Credits:

3.00

Description:

This advanced course focuses on the translation of the historical knowledge and hand skills learned in Basic Typography into a digital format. Students will learn how to produce quality typography, as well as experiment with and explore letterform design and manipulation.

Term:

Offered Spring Term

- **ADG-S206 Graphic Design I**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

Emphasizing the creative process from thumbnail to comprehensive, the course will also introduce the student to the language, tools, and techniques of the professional graphic designer. Attention will be paid to conceptualization, production and presentation in solving design problems. This course

will expose students to a series of assignments designed to show step-by-step problem solving from observation and research, to the incorporation of these findings into the design of communication vehicles.

Term:

Offered Fall Term

- **ADG-S207 Graphic Design II**

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

A continuation of the skills learned in Graphic Design I, involving projects that are broader in scope, more in-depth, and address societal issues.

Term:

Offered Spring Term

- **ADG-S219 Computer Applications in Design**

Credits:

3.00

Description:

In this course students will learn the major software applications used by graphic designers, such as Adobe Creative Suite: InDesign, Illustrator, and Photoshop. Through a series of problems, students will learn how and when to use specific software to produce their solutions and prepare portfolio-quality design.

Term:

Offered Fall Term

Non-Art & Design majors should choose the following:

- **ADF-S166 2D/Color**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

Type:

Arts Admin Minor Elective

Art & Design BFA students should choose one Graphic Design studio course.

Note: Advertising, Public Relations & Digital Media majors may substitute ADPR-247 for ADG-S219. Communication & Journalism majors may substitute CJN-247 for ADG-S219.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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A short-term, part-time program, the Graphic Design Certificate is appropriate for those who have some prior college-level background and/or significant employment experience in a related field. Please review the curricular requirements as outlined and admission requirements in order to determine whether this program is appropriate for you.

Graphic Design Certificate Program: 12 courses, 36 credits

The Graphic Design Certificate is designed for those who do not want the extensive training of the BFA, but who require more focused design training to complement existing educational or work credentials.

Within the framework of a 12 course (36 credit) sequence, the program provides real-world preparation built on a foundation of design and typography skills, coupled with a thorough grounding in the use of the computer as a design tool. The primary emphasis of all courses, however, remains the conceptual, creative process. The goal of the program is to provide students with the practical and technical design skills necessary to secure entry-level employment in the graphic design field.

The Certificate is designed as a part-time program and can be completed in two or more years (four semesters minimum). Students may choose from day and evening course offerings and may take as many courses per semester as scheduling, prerequisite requirements, and outside commitments allow.

Requirements for Completion of the Graphic Design Certificate Program

- All students must earn a minimum of 36 credits, with a minimum cumulative grade point average of 2.0, in order to be awarded a Certificate in Graphic Design.
- All students must earn a minimum of 27 of the required 36 credits while enrolled as Certificate candidates and must satisfy all course requirements of the Certificate program. A maximum of nine transfer or advanced-standing credits may be applied toward requirements for graduation.
- In addition to the required courses listed below all Certificate candidates must participate in all portfolio reviews and exhibit work in the Graphic Design Student Exhibition.
- Please note: credits earned as a NESAD continuing education student are considered transfer credits.

It is recommended that students take no more than five years to complete the program.

Core Requirements: 10 courses, 30 credits

- **ADF-S166 2D/Color**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

Type:

Arts Admin Minor Elective

- **ADG-S201 Basic Typography**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

This course will introduce students to the creative use of typography in the design process and will provide them with the skills and knowledge necessary to design with type.

Term:

Offered Fall Term

- **ADG-S202 Computer Typography**

Prerequisites:

ADG S201 and ADG S219

Credits:

3.00

Description:

This advanced course focuses on the translation of the historical knowledge and hand skills learned in Basic Typography into a digital format. Students will learn how to produce quality typography, as well as experiment with and explore letterform design and manipulation.

Term:

Offered Spring Term

- **ADG-S206 Graphic Design I**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

Emphasizing the creative process from thumbnail to comprehensive, the course will also introduce the student to the language, tools, and techniques of the professional graphic designer. Attention will be paid to conceptualization, production and presentation in solving design problems. This course will expose students to a series of assignments designed to show step-by-step problem solving from observation and research, to the incorporation of these findings into the design of communication vehicles.

Term:

Offered Fall Term

• ADG-S207 Graphic Design II

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

A continuation of the skills learned in Graphic Design I, involving projects that are broader in scope, more in-depth, and address societal issues.

Term:

Offered Spring Term

• ADG-S219 Computer Applications in Design

Credits:

3.00

Description:

In this course students will learn the major software applications used by graphic designers, such as Adobe Creative Suite: InDesign, Illustrator, and Photoshop. Through a series of problems, students will learn how and when to use specific software to produce their solutions and prepare portfolio-quality design.

Term:

Offered Fall Term

- **ADG-337 Professional Practice**

Prerequisites:

Senior BFA status

Credits:

3.00

Description:

This senior-year course is designed to provide final preparation for employment in the field of graphic design. In addition to helping each student develop a professional portfolio, the course will provide students with practical knowledge of the business aspects of graphic design, interviewing skills, resume preparation, personal branding and help students target internship opportunities for the following semester.

Term:

Offered Fall Term

- **ADG-S344 Graphic Design III**

Prerequisites:

ADG S202, ADG S207, and ADG S219

Credits:

3.00

Description:

This continuation of Graphic Design I and II (ADG S206, 207) will concentrate on increasing sophistication in creative problem-solving abilities. Students will also develop an understanding of prepress terms and operations and the impact of technology on those operations. It will also provide the knowledge and skills necessary to enable students to make appropriate prepress decisions regarding more complex projects. Senior status preferred.

Term:

Offered Fall Term

- **ADG-S345 Graphic Design IV**

Prerequisites:

ADG S344

Credits:

3.00

Description:

A continuation of the concepts and skills developed in Graphic Design III and their application to more complex, multi-pieced, in-depth projects.

Term:

Offered Spring Term

- **ADG-S354 Advanced Computer Applications**

Prerequisites:

ADG S201, ADG S206, and ADG S219

Credits:

3.00

Description:

This course is designed to further explore software applications for specific and experimental effects. It aims to provide students with the knowledge and skills necessary to choose the appropriate software application and to execute the desired design, focusing on the design itself rather than on the limitations of computer programs. The course also focuses on solving the technical and production problems when preparing artwork electronically for printing. Software applications include Adobe Creative Suite: InDesign, Illustrator, and Photoshop.

Term:

Studio Electives (2 courses, 6 credits)

These electives are subject to change and must be approved by the Graphic Design program director. Choose two of the following:

- **ADG-S213 Web Design I**

Prerequisites:

ADG S219

Credits:

3.00

Description:

This course will introduce basic web site design and creation skills to students in order to prepare them for more advanced study in Web Design II. The class will use a variety of industry standard software to design and create basic working websites. Students will learn HTML, XHTML and CSS. Javascript, Flash and Action Scripting will be discussed and presented as supplemental tools. Information architecture, wire frames, interface design, user experience and web page layouts will be explored. The history, societal context and future of new media will be discussed throughout the semester.

- **ADG-S214 Illustration for Designers**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course introduces the skills necessary for meeting clients illustration needs in a variety of media appropriate to their context. Emphasis will be placed on developing the ability to draw real objects and real people while advancing a personal style. Students' development of visual research and photo reference, thumbnailing and rendering skills for a presentation of ideas and concepts while designing the proper environment for their illustration will be required.

Term:

Offered Spring Term

- **ADFA-S251 Printmaking Studio**

Credits:

3.00

Description:

This course is designed to familiarize students with the printmaking studio and various techniques. Students will gain exposure to a number of techniques including non-toxic processes. Over the course of the semester, students will be expected to develop a portfolio of prints while working in class and independently.

Term:

Offered Fall Term

- **ADG-S302 Italian Journal: Painting and Drawing On Paper**

Prerequisites:

Instructors Consent

Credits:

3.00

Description:

This faculty-led study abroad course introduces the skills necessary for meeting clients' illustration needs in a variety of media appropriate to context. Florence, Italy and its environs will serve as the subject matter and catalyst in developing the ability to draw objects, i.e. Architecture, people and landscape while advancing a personal style. Study will begin with a pre-departure journal/book binding workshop at Suffolk University and then to the outdoors in and around Florence, Italy, Tuscan hill towns and the Veneto, where students will explore basic illustration styles, methods and techniques.

Term:

Summer

Type:

Global Engagement Experience

- **ADG-S305 Conceptual Typography**

Prerequisites:

Take ADG-S202

Credits:

3.00

Description:

This course is designed to build on core typography knowledge and further students' understanding of the conceptual possibilities of using type in design. Advanced typographic problems requiring the implementation of both traditional and alternative methods will facilitate a deeper exploration of modern communication issues including layered hierarchies, type in motion, typographic voice and illustration.

- **ADG-S311 Integrated Advertising**

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

This course will provide instruction towards creatively translating marketing needs into innovative and effective advertising solutions through a series of challenging projects. Students will learn skills applicable to the advertising industry by focusing on creative executions across multiple-media applications including print, direct mail, collateral, outdoor, online, and other media. There will be emphases on idea generation and campaign development with the goal of message communication through the balance of various elements including page design, copywriting, typography, illustration, photography, and visual effects. The history of advertising from the early 20th century to the ever-changing complexity of today's digital landscape will be studied.

Term:

Occasional

- **ADG-S312 Packaging Design**

Prerequisites:

ADG S201 or ADG S601 AND ADG S206 or ADG S606 AND ADG S219 or ADG S619 OR Instructor Permission.

Credits:

3.00

Description:

In this course, students will study the evolution and history of packaging design, discuss philosophies, learn industry terminology and examine contemporary designs. Using case studies, students will analyze the package design process from concept to production and over the course of the semester, develop a line of packaging and supporting marketing materials for one brand. Guest lectures and field trips will supplement readings and in-class discussions, which will address brand extension and consistency, packaging templates, professional procedures, product photography and printing.

Term:

Occasional

- **ADG-S316 Interactive Project Development**

Prerequisites:

ADG S340 or Instructor's consent.

Credits:

3.00

Description:

This course will allow students to take the skills learned in Web I, Web II and Advanced Topics, and apply them to the kinds of projects they'll see in a professional setting. The class will focus on challenging students to develop a holistic understanding of how the code they write affects their designs, and vice versa, and to think about how all aspects of building a website affect the final user experience. There will also be a strong emphasis on expanding student digital portfolios, with numerous projects based on actual client requests, fully mobile-friendly responsive sites, group projects and

more. Students will learn related skills like server management, search engine optimization and how to work as part of a team. This class is intended to prepare students who plan to enter the web and interactive fields upon graduation.

Term:

Occasional

• ADG-S330 Motion Graphics

Prerequisites:

ADG S219 OR instructor approval

Credits:

3.00

Description:

Enter the world of motion design and learn how to make movies that incorporate image, type and video. This class will focus on learning to create moving graphics that are geared toward being broadcast on television, web or film. Students will create time-based works such as title sequences, ads, and videos that they art direct. In the very near future, motion design will be a necessary skill for designers to compete in the marketplace. Motion design can be applied to many areas of graphic design from on-screen presentation to environmental design. During the class, students will build their motion design portfolio that will give them an edge above conventional print and web designers.

Term:

Offered Spring Term

• ADG-S334 Publication Design

Prerequisites:

ADG S202 and ADG S207 and ADG S219 or Instructor's Consent.

Credits:

3.00

Description:

This course will focus on the skills necessary to create publications such as books, magazines, annual reports and catalogs. The goals of this course are three-fold: to further enhance the understanding of typography in regard to publications, to provide the skills and knowledge necessary to design publications for either a print or digital environment, and to integrate the students' own art and/or photography in their work.

Term:

Offered Fall Term

- **ADG-S340 Web Design II**

Prerequisites:

ADG S213 or Instructors permission

Credits:

3.00

Description:

This course is intended as a continuation of the experience gained in Web Design I. The objective of the course is the development of advanced conceptual skills such as prototyping, usability testing, interactive philosophy, accessibility, project and content management. Students will further develop their professional multimedia skills by working with HTML, XHTML, CSS and other industry-standard tools. JavaScript will be discussed and we will use Flash for animation and video. Current techniques for distributions on mobile devices will be explored. Software that will be used during the class will include Dreamweaver, Flash, and other professional level software tools.

- **ADG-S360 Corporate Design**

Prerequisites:

ADG S202 and ADG S207

Credits:

3.00

Description:

This course explores the issues of contemporary branding used to identify, establish and promote the business community. Specific emphasis will be placed on the analysis and development of corporate identity systems including the development of logotypes, stationery, signage systems, marketing

collateral/advertising/direct mail campaign development, environmental graphics and websites.

Term:

Occasional

- **ADG-S365 Digital Photography**

Credits:

3.00

Description:

This course offers students the experience of creating digital and film photographs while studying concepts of art direction and techniques that can enhance their compositions. The primary objective is to generate professional still and motion images for digital media, including the Web. Students will manipulate their photographic images using Photoshop rather than the traditional darkroom. Students will also learn how to photograph their own artwork and use a digital camera. Advanced students will be encouraged to explore independent tracks of study.

Term:

Occasional

- **ADG-S366 Environmental Graphic Design**

Prerequisites:

ADG S202, ADG S207 and ADG S219

Credits:

3.00

Description:

A cross disciplinary course bringing together interior design students and graphic design students to collaborate on problem solving in the visual and built environments. In the studio, students will be exposed to design issues and problems, both experiential and graphic. Students will be working in teams bringing new insight to solutions for a variety of client/project types. Field trips to fabricators, professional firms and EGD sites will be included. This is a survey class designed to introduce students to ways of producing three dimensional graphic design projects within the built environment.

Term:

Occasional

- **ADG-400 Graphic Design Internship**

Prerequisites:

Senior BFA status.

Credits:

3.00- 4.00

Description:

Seniors are required to pursue an internship with a local graphic design firm, whose work is directly related to that students intended area of professional concentration. Interns will observe and participate in all office procedures permitted by their place of internship and will be required to maintain a notebook of their observations. Required classroom seminars will reinforce new skills, share learning experiences and answer questions or concerns.

Term:

Offered Spring Term



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2017-2018 Archived Catalog Information

Graphic Design

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Graphic Design Minor Requirements](#)
- [Certificate Program](#)
- [Gainful Employment Disclosure](#)
- [Graphic Design Courses](#)

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Graphic Design](#).



2017-2018 Archived Catalog Information

Graphic Design

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
 - [Graphic Design Minor Requirements](#)
 - [Certificate Program](#)
 - [Gainful Employment Disclosure](#)
 - [Graphic Design Courses](#)
-
- ADG-224 History of Graphic Design

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

- **ADG-337 Professional Practice**

Prerequisites:

Senior BFA status

Credits:

3.00

Description:

This senior-year course is designed to provide final preparation for employment in the field of graphic design. In addition to helping each student develop a professional portfolio, the course will provide students with practical knowledge of the business aspects of graphic design, interviewing skills, resume preparation, personal branding and help students target internship opportunities for the following semester.

Term:

Offered Fall Term

- **ADG-400 Graphic Design Internship**

Prerequisites:

Senior BFA status.

Credits:

3.00- 4.00

Description:

Seniors are required to pursue an internship with a local graphic design firm, whose work is directly related to that students intended area of professional concentration. Interns will observe and participate in all office procedures permitted by their place of internship and will be required to maintain a notebook of their observations. Required classroom seminars will reinforce new skills, share learning experiences and answer questions or concerns.

Term:

Offered Spring Term

- **ADG-500 Graphic Design Directed Study**

Prerequisites:

Consent of Program Director required

Credits:

3.00

Description:

The student completes a directed study project, under the supervision of a graphic design faculty member. All Directed Study request forms must be accompanied by a written proposal and schedule and must be approved by the faculty member, the Graphic Design Program Director, and the department Chair.

- **ADG-S201 Basic Typography**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

This course will introduce students to the creative use of typography in the design process and will provide them with the skills and knowledge necessary to design with type.

Term:

Offered Fall Term

- **ADG-S202 Computer Typography**

Prerequisites:

ADG S201 and ADG S219

Credits:

3.00

Description:

This advanced course focuses on the translation of the historical knowledge and hand skills learned in Basic Typography into a digital format. Students will learn how to produce quality typography, as well as experiment with and explore letterform design and manipulation.

Term:

Offered Spring Term

- **ADG-S204 Design Beyond Design**

Credits:

3.00

Description:

This course focuses on the multi-disciplinary nature of the graphic design profession and the designer as a visual communicator, critical thinker and problem solver. Students will be exposed to a series of outside topics to which they will apply design solutions, mirroring the range of fields in which designers today are employed.

- **ADG-S206 Graphic Design I**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

Emphasizing the creative process from thumbnail to comprehensive, the course will also introduce the student to the language, tools, and techniques of the professional graphic designer. Attention will be paid to conceptualization, production and presentation in solving design problems. This course will expose students to a series of assignments designed to show step-by-step problem solving from observation and research, to the incorporation of these findings into the design of communication vehicles.

Term:

Offered Fall Term

- **ADG-S207 Graphic Design II**

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

A continuation of the skills learned in Graphic Design I, involving projects that are broader in scope, more in-depth, and address societal issues.

Term:

Offered Spring Term

- **ADG-S213 Web Design I**

Prerequisites:

ADG S219

Credits:

3.00

Description:

This course will introduce basic web site design and creation skills to students in order to prepare them for more advanced study in Web Design II. The class will use a variety of industry standard software to design and create basic working websites. Students will learn HTML, XHTML and CSS. Javascript, Flash and Action Scripting will be discussed and presented as supplemental tools. Information architecture, wire frames, interface design, user experience and web page layouts will be explored. The history, societal context and future of new media will be discussed throughout the semester.

- **ADG-S214 Illustration for Designers**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course introduces the skills necessary for meeting clients illustration needs in a variety of media appropriate to their context. Emphasis will be placed on developing the ability to draw real objects and real people while advancing a personal style. Students' development of visual research and photo reference, thumbnailing and rendering skills for a presentation of ideas and concepts while designing the proper environment for their illustration will be required.

Term:

Offered Spring Term

- **ADG-S219 Computer Applications in Design**

Credits:

3.00

Description:

In this course students will learn the major software applications used by graphic designers, such as Adobe Creative Suite: InDesign, Illustrator, and Photoshop. Through a series of problems, students will learn how and when to use specific software to produce their solutions and prepare portfolio-quality design.

Term:

Offered Fall Term

- **ADG-S302 Italian Journal: Painting and Drawing On Paper**

Prerequisites:

Instructors Consent

Credits:

3.00

Description:

This faculty-led study abroad course introduces the skills necessary for meeting clients' illustration needs in a variety of media appropriate to context. Florence, Italy and its environs will serve as the subject matter and catalyst in developing the ability to draw objects, i.e. Architecture, people and landscape while advancing a personal style. Study will begin with a pre-departure journal/book binding workshop at Suffolk University and then to the outdoors in and around Florence, Italy, Tuscan hill towns and the Veneto, where students will explore basic illustration styles, methods and techniques.

Term:

Summer

Type:

Global Engagement Experience

- **ADG-S305 Conceptual Typography**

Prerequisites:

Take ADG-S202

Credits:

3.00

Description:

This course is designed to build on core typography knowledge and further students' understanding of the conceptual possibilities of using type in design. Advanced typographic problems requiring the implementation of both traditional and alternative methods will facilitate a deeper exploration of modern communication issues including layered hierarchies, type in motion, typographic voice and illustration.

- **ADG-S311 Integrated Advertising**

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

This course will provide instruction towards creatively translating marketing needs into innovative and effective advertising solutions through a series of challenging projects. Students will learn skills applicable to the advertising industry by focusing on creative executions across multiple-media applications including print, direct mail, collateral, outdoor, online, and other media. There will be emphases on idea generation and campaign development with the goal of message communication through the balance of various elements including page design, copywriting, typography, illustration, photography, and visual effects. The history of advertising from the early 20th century to the ever-changing complexity of today's digital landscape will be studied.

Term:

Occasional

• ADG-S312 Packaging Design

Prerequisites:

ADG S201 or ADG S601 AND ADG S206 or ADG S606 AND ADG S219 or ADG S619 OR Instructor Permission.

Credits:

3.00

Description:

In this course, students will study the evolution and history of packaging design, discuss philosophies, learn industry terminology and examine contemporary designs. Using case studies, students will analyze the package design process from concept to production and over the course of the semester, develop a line of packaging and supporting marketing materials for one brand. Guest lectures and field trips will supplement readings and in-class discussions, which will address brand extension and consistency, packaging templates, professional procedures, product photography and printing.

Term:

Occasional

- **ADG-S316 Interactive Project Development**

Prerequisites:

ADG S340 or Instructor's consent.

Credits:

3.00

Description:

This course will allow students to take the skills learned in Web I, Web II and Advanced Topics, and apply them to the kinds of projects they'll see in a professional setting. The class will focus on challenging students to develop a holistic understanding of how the code they write affects their designs, and vice versa, and to think about how all aspects of building a website affect the final user experience. There will also be a strong emphasis on expanding student digital portfolios, with numerous projects based on actual client requests, fully mobile-friendly responsive sites, group projects and more. Students will learn related skills like server management, search engine optimization and how to work as part of a team. This class is intended to prepare students who plan to enter the web and interactive fields upon graduation.

Term:

Occasional

- **ADG-S326 Informing Design**

Credits:

3.00

Description:

Informing Design will give you the visual presentation skills necessary to succeed in the real world by helping you communicate more clearly to clients, make your ideas visual and vibrantly persuasive, and to make facts and data more accessible and interesting for all. This course on visualization will teach you to see with your eyes and not with your mind. You will learn how design visualizes what is happening all around us on a daily basis. We are connected as never before at speeds that challenge any status quo, and better equipped to capture data and make sense of it all. In the same way the iPhone made photographers out of all of us, this course will help you discover the designer in you, no matter what your field of study. Come collaborate with us! This class is open to all majors.

- **ADG-S328 Designing for the Greater Good**

Prerequisites:

ADG S207 and ADG S219

Credits:

3.00

Description:

In this class, students will study contemporary models of inspiring change through branding, systems design, and product design, and explore how design can have an impact in raising awareness and funding for social, environmental, political, and health issues. Students will work on three integrated design campaigns projects focused in social innovation, design of community, connected to health, and environmental impact to learn how to identify the opportunities to inspire change through design, and how to leverage print, social media, new fundraising tools, and online resources to create a successful effort. Students will also explore successful case studies in cause-related design.

Term:

Occasional

• ADG-S330 Motion Graphics

Prerequisites:

ADG S219 OR instructor approval

Credits:

3.00

Description:

Enter the world of motion design and learn how to make movies that incorporate image, type and video. This class will focus on learning to create moving graphics that are geared toward being broadcast on television, web or film. Students will create time-based works such as title sequences, ads, and videos that they art direct. In the very near future, motion design will be a necessary skill for designers to compete in the marketplace. Motion design can be applied to many areas of graphic design from on-screen presentation to environmental design. During the class, students will build their motion design portfolio that will give them an edge above conventional print and web designers.

Term:

Offered Spring Term

- **ADG-S334 Publication Design**

Prerequisites:

ADG S202 and ADG S207 and ADG S219 or Instructor's Consent.

Credits:

3.00

Description:

This course will focus on the skills necessary to create publications such as books, magazines, annual reports and catalogs. The goals of this course are three-fold: to further enhance the understanding of typography in regard to publications, to provide the skills and knowledge necessary to design publications for either a print or digital environment, and to integrate the students' own art and/or photography in their work.

Term:

Offered Fall Term

- **ADG-S340 Web Design II**

Prerequisites:

ADG S213 or Instructors permission

Credits:

3.00

Description:

This course is intended as a continuation of the experience gained in Web Design I. The objective of the course is the development of advanced conceptual skills such as prototyping, usability testing, interactive philosophy, accessibility, project and content management. Students will further develop their professional multimedia skills by working with HTML, XHTML, CSS and other industry-standard tools. JavaScript will be discussed and we will use Flash for animation and video. Current techniques for distributions on mobile devices will be explored. Software that will be used during the class will include Dreamweaver, Flash, and other professional level software tools.

- **ADG-S344 Graphic Design III**

Prerequisites:

ADG S202, ADG S207, and ADG S219

Credits:

3.00

Description:

This continuation of Graphic Design I and II (ADG S206, 207) will concentrate on increasing sophistication in creative problem-solving abilities. Students will also develop an understanding of prepress terms and operations and the impact of technology on those operations. It will also provide the knowledge and skills necessary to enable students to make appropriate prepress decisions regarding more complex projects. Senior status preferred.

Term:

Offered Fall Term

- **ADG-S345 Graphic Design IV**

Prerequisites:

ADG S344

Credits:

3.00

Description:

A continuation of the concepts and skills developed in Graphic Design III and their application to more complex, multi-pieced, in-depth projects.

Term:

Offered Spring Term

- **ADG-S354 Advanced Computer Applications**

Prerequisites:

ADG S201, ADG S206, and ADG S219

Credits:

3.00

Description:

This course is designed to further explore software applications for specific and experimental effects. It aims to provide students with the knowledge and skills necessary to choose the appropriate software application and to execute the desired design, focusing on the design itself rather than on the limitations of computer programs. The course also focuses on solving the technical and production problems when preparing artwork electronically for printing. Software applications include Adobe Creative Suite:InDesign, Illustrator, and Photoshop.

Term:

Offered Spring Term

- **ADG-S360 Corporate Design**

Prerequisites:

ADG S202 and ADG S207

Credits:

3.00

Description:

This course explores the issues of contemporary branding used to identify, establish and promote the business community. Specific emphasis will be placed on the analysis and development of corporate identity systems including the development of logotypes, stationery, signage systems, marketing collateral/advertising/direct mail campaign development, environmental graphics and websites.

Term:

Occasional

- **ADG-S365 Digital Photography**

Credits:

3.00

Description:

This course offers students the experience of creating digital and film photographs while studying concepts of art direction and techniques that can enhance their compositions. The primary objective is to generate professional still and motion images for digital media, including the Web. Students will manipulate their photographic images using Photoshop rather than the traditional darkroom. Students will also learn how to photograph their own artwork and use a digital camera. Advanced students will be encouraged to explore independent tracks of study.

Term:

Occasional

- **ADG-S366 Environmental Graphic Design**

Prerequisites:

ADG S202, ADG S207 and ADG S219

Credits:

3.00

Description:

A cross disciplinary course bringing together interior design students and graphic design students to collaborate on problem solving in the visual and built environments. In the studio, students will be exposed to design issues and problems, both experiential and graphic. Students will be working in teams bringing new insight to solutions for a variety of client/project types. Field trips to fabricators, professional firms and EGD sites will be included. This is a survey class designed to introduce students to ways of producing three dimensional graphic design projects within the built environment.

Term:

Occasional

- **ADG-S410 Thesis Studio**

Prerequisites:

Senior BFA standing required.

Credits:

3.00

Description:

The Thesis Studio involves the application of previously learned studio skills in a detailed investigation of a design project relating to the student's intended professional area of specialization. Normally offered spring semester.

- **ADG-S500 Graphic Design Directed Studio**

Prerequisites:

Consent of Program Director required.

Credits:

1.00- 6.00

Description:

The student completes a directed studio project under the supervision of a graphic design faculty member. All Directed Studio request forms must be accompanied by a written proposal and schedule and must be approved by the faculty member, the Graphic Design Program Director, and the department Chair.

Term:

Offered Both Fall and Spring

- **ADG-S510 Graphic Design Independent Study**

Prerequisites:

Consent of Program Director required.

Credits:

1.00- 6.00

Description:

In an Independent Studio/Study, the student works in an independent fashion, pursuing an area of study that is outside the scope of existing curricula. Independent Studio/Study courses require CAS Dean's approval in addition to departmental approval.



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History & Literature Honors

Students in the History and Literature Honors major read literary, cultural, and historical texts and analyze their usefulness in making sense of the past. Through this interdisciplinary lens, History and Literature Honors majors recognize how history works as an imaginative project, not just an accumulation of facts, and explore the degree to which writers can serve as agents of historical change. Students must complete a major in either History or English and a minor in the other field. They may also double major in History and English. Students are admitted to the History and Literature Honors major by application only, typically in the sophomore year or first semester of their junior year. To complete the major, students must write an Honors thesis in their senior year that integrates their studies of History and Literature.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [History & Literature Honors Courses](#)

Major Requirements: 14-15 courses, 56-60 credits

To be considered for honors in History and Literature, a student must satisfy the following criteria:

1. Prospective majors must seek the approval of the coordinators of the program to undertake this major. Qualifying students must have a 3.5 GPA in the major subject.
2. Students must complete two classes on methodology. These courses also fulfill a major requirement in each department and may fulfill a minor requirement:

- HST-200 Gateway to the Past: The Historian's Craft

Credits:

4.00

Description:

Explores history as an evolving academic discipline, a method of inquiry into the past, and a profession. Students learn historical thinking and research skills that enable them to frame a research question, identify and retrieve required sources, and make an argument about the ideas and actions of past peoples and societies. Required for history majors. Offered annually during Fall term.

Term:

Offered Fall Term

• ENG-301 Literary Criticism Seminar

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course seeks to answer the following questions. What is literature? Why do we study literature? What methods aid the study of literature? What are English Studies all about? This course extends reading and writing skills, and provides more specialized terms, knowledge, and approaches to prepare students for study at the junior and senior level. Topics vary from term to term. Student must have completed 80 credits or less Normally offered Fall and Spring semesters.

Term:

Offered Both Fall and Spring

3. The student must complete one honors seminar in English or History. The honors seminar may fulfill a major or minor requirement.
4. The student must complete an interdisciplinary honors thesis under the joint direction of one professor in History and one professor in English. To write a thesis, the student should register for HSTLT H555. Normally, the student should undertake one credit of HSTLT H555 in the fall semester of the senior year and three credits of HSTLT H555 in the spring semester of the senior year. HSTLT H555 may fulfill an elective in the major. Any student who completes HSTLT H555 will receive credit for the course; however, projects completed in HSTLT H555 must also be approved by the History and English departments to satisfy the requirement for honors.
5. The student must provide an oral defense of the honors thesis, to be evaluated and approved by faculty from both departments.

6. Honors students must finish their coursework in the major and minor with a GPA of 3.5.

7. In special circumstances (such as the case of transfer students), particular exceptions to the requirements above will be considered.

Interdisciplinary Advising in History and Literature

To facilitate this process, and to help the student select appropriate courses in both departments, the student should seek advising as follows:

1. The student should see the coordinators of the program during advising periods to ensure that departmental requirements and honors requirements for the major and minor are being met. The coordinators will also help the student to identify potential thesis advisors and to coordinate interdepartmental aspects of the program such as the oral defense. Finally, the coordinators will guide the student in selecting courses in the department that are particularly interdisciplinary in approach or that are appropriate to the student's focus. For example, a student may be directed to courses in both departments on American history and literature of the 19th century or on women in history and literature.

2. In writing the History and Literature thesis the student must work with two thesis advisors, one from History and one from English. These advisors will help the student identify a thesis topic and guide him or her through the writing process. They may also help the student to select courses appropriate to his or her research interests.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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History & Literature Honors

Students in the History and Literature Honors major read literary, cultural, and historical texts and analyze their usefulness in making sense of the past. Through this interdisciplinary lens, History and Literature Honors majors recognize how history works as an imaginative project, not just an accumulation of facts, and explore the degree to which writers can serve as agents of historical change. Students must complete a major in either History or English and a minor in the other field. They may also double major in History and English. Students are admitted to the History and Literature Honors major by application only, typically in the sophomore year or first semester of their junior year. To complete the major, students must write an Honors thesis in their senior year that integrates their studies of History and Literature.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [History & Literature Honors Courses](#)

- HSTLT-H555 Senior Honors Thesis

Credits:

4.00

Description:

An individual program of reading, research, and writing on an approved topic, under the supervision of two faculty members, one in History and one in English. The completed thesis will be at least 25-30 pages reflecting original research.



2017-2018 Archived Catalog Information

History

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Honor Societies](#)
- [History Courses](#)

Major Requirements: 11 courses, 41 credits

Core Requirements (4 courses, 13 credits)

- **CAS-201 College to Career: Explore Your Options And Find Your Path**

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

- **HST-200 Gateway to the Past: The Historian's Craft**

Credits:

4.00

Description:

Explores history as an evolving academic discipline, a method of inquiry into the past, and a profession. Students learn historical thinking and research skills that enable them to frame a research question, identify and retrieve required sources, and make an argument about the ideas and actions of past peoples and societies. Required for history majors. Offered annually during Fall term.

Term:

Offered Fall Term

Choose two of the following:

- **HST-101 History of Western Civilization I**

Credits:

4.00

Description:

Surveys European culture, politics, and society from antiquity to the seventeenth century. Topics include: the Greek, Judaic, and Roman heritage; the rise of Christianity; feudal society in the Middle Ages; Renaissance and Reformation; the Scientific Revolution; and the development of absolutist and constitutional governments.

Term:

Offered Fall Term

Type:

- **HST-102 History of Western Civilization II**

Credits:

4.00

Description:

Surveys European culture, politics, and society from the Scientific Revolution to the present. Topics include: the development of absolutist and constitutional governments; the Enlightenment; the French Revolution; Industrialization and urbanization; nationalism and imperialism; World War I, World War II, and the Cold War; the decline of Europe as a world power.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-121 World History I**

Credits:

4.00

Description:

Explores the major themes of human history to 1500. Topics include: hunter-gathering, the migration of humans across the globe, transitions to food production, and the development of complex societies based on agriculture. Major early Eurasian civilizations (China, India, the Middle East, and Europe) are examined (alongside their interactions with Inner Asia and the Arabian Peninsula). So too are Sub-Saharan Africa and the Americas.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-122 World History II**

Credits:

4.00

Description:

Explores the major themes of human history since 1500. Topics include: the outward expansion of Europe, the Scientific Revolution, the Enlightenment, the Age of Revolutions, the Industrial Revolution, the creation of a great-power dominated global system, the two world wars, the Cold War, the Third World, globalization, climate change, and modern social and political movements.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-149 Empires & Globalization in World History I**

Credits:

4.00

Description:

This is the first of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include the formation of the medieval trade system, the development of finance and capitalism in the early modern ages, and economic changes prior to the Industrial Revolution. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- HST-150 Empires & Globalization in World History II

Credits:

4.00

Description:

This is the second of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include state-making, wars, and the rivalry among early modern empires, economic development, the Industrial Revolution and the formation of the global trade system. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- HST-181 American Life to the Civil War Era

Credits:

4.00

Description:

Surveys American history from European colonization up through the era of the Civil War. Topics include interactions with Native Americans; slavery; the American Revolution; the founding of a new republic; social and economic developments in the early nineteenth century; expansion; party politics; sectional conflict; the Civil War and Reconstruction.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-182 American Life Since the Civil War Era**

Credits:

4.00

Description:

Surveys American history from the 1870s to the present. Topics include the new industrial order; farmer and worker protests; progressivism; America's emergence as a world power; the two World Wars; the Great Depression; the New Deal; the Cold War; post-World War II American society; the Civil rights movement; Vietnam; dissent and counterculture in the 1960s; the women's movement; economic, social, and political changes in the late-twentieth century; America's relationship to a globalized world.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

Electives (6 courses, 24 credits)

Take six History courses at the 200-level or above.

Capstone Experience (1 course, 4 credits)

Choose one of the following options:

- **HST-522 History Internship**

Prerequisites:

Permission of instructor required.

Credits:

4.00

Description:

Require approximately 12 hours of work per week in a history-related position, at a museum, historical society, or archive. Designed to introduce the student to the professional opportunities and responsibilities in the fields of public history or historic preservation. Interested students should consult the instructor in advance. Prerequisite: Permission of instructor is required.

Term:

Offered Both Fall and Spring

• HST-H555 Senior Honors Thesis

Credits:

4.00

Description:

An individual program of reading, research, and writing on an approved topic, under the supervision of a History faculty member. The completed thesis will be at least 20-25 pages reflecting original research. The qualifying student must have a 3.5 overall grade point average, and a 3.7 grade point average in History classes, must be recommended by two History faculty members, and must submit a writing sample of at least 5 pages to the Department chair by the end of their junior year. Must be taken in the Fall of the Senior year.

Type:

Honors

History Concentration

Students are encouraged to engage in focused study in a particular area of history – American, European, African, Asian, Women and Gender, or Public History – by taking at least 4 upper-level courses in one of those areas.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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History

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
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- [History Courses](#)

Minor Requirements: 5 courses, 20 credits

Core Requirements (2 courses, 8 credits)

Choose two of the following:

- HST-101 History of Western Civilization I

Credits:

4.00

Description:

Surveys European culture, politics, and society from antiquity to the seventeenth century. Topics include: the Greek, Judaic, and Roman heritage; the rise of Christianity; feudal society in the Middle Ages; Renaissance and Reformation; the Scientific Revolution; and the development of absolutist and constitutional governments.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **HST-102 History of Western Civilization II**

Credits:

4.00

Description:

Surveys European culture, politics, and society from the Scientific Revolution to the present. Topics include: the development of absolutist and constitutional governments; the Enlightenment; the French Revolution; Industrialization and urbanization; nationalism and imperialism; World War I, World War II, and the Cold War; the decline of Europe as a world power.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-121 World History I**

Credits:

4.00

Description:

Explores the major themes of human history to 1500. Topics include: hunter-gathering, the migration of humans across the globe, transitions to food production, and the development of complex societies based on agriculture. Major early Eurasian civilizations (China, India, the Middle East, and Europe) are examined (alongside their interactions with Inner Asia and the Arabian Peninsula). So too are Sub-Saharan Africa and the Americas.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

• HST-122 World History II

Credits:

4.00

Description:

Explores the major themes of human history since 1500. Topics include: the outward expansion of Europe, the Scientific Revolution, the Enlightenment, the Age of Revolutions, the Industrial Revolution, the creation of a great-power dominated global system, the two world wars, the Cold War, the Third World, globalization, climate change, and modern social and political movements.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

• HST-149 Empires & Globalization in World History I

Credits:

4.00

Description:

This is the first of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include the formation of the medieval trade system, the development of finance and capitalism in the early modern ages, and economic changes prior to the Industrial Revolution. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-150 Empires & Globalization in World History II**

Credits:

4.00

Description:

This is the second of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include state-making, wars, and the rivalry among early modern empires, economic development, the Industrial Revolution and the formation of the global trade system. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-181 American Life to the Civil War Era**

Credits:

4.00

Description:

Surveys American history from European colonization up through the era of the Civil War. Topics include interactions with Native Americans; slavery; the American Revolution; the founding of a new republic; social and economic developments in the early nineteenth century; expansion; party politics; sectional conflict; the Civil War and Reconstruction.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-182 American Life Since the Civil War Era**

Credits:

4.00

Description:

Surveys American history from the 1870s to the present. Topics include the new industrial order; farmer and worker protests; progressivism; America's emergence as a world power; the two World Wars; the Great Depression; the New Deal; the Cold War; post-World War II American society; the Civil rights movement; Vietnam; dissent and counterculture in the 1960s; the women's movement; economic, social, and political changes in the late-twentieth century; America's relationship to a globalized world.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

Electives (3 courses, 12 credits)

Choose 3 History courses at the 200-level or above.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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History

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- [History Courses](#)

A student receiving honors in History will:

- Have an overall GPA of 3.5 and a GPA of 3.7 in History courses
- Complete a 25-40 page Senior Honors Thesis under the direction of a member of the History faculty

How to Apply for History Honors

Mid-semester of the junior year, the Honors scholar will:

- Approach a member of the History faculty to inquire whether s/he is available to direct the student's thesis.
- In consultation with the faculty thesis director, the student will:
 - Explore possible research topics and select one.
 - Develop a one-to-two-page thesis proposal. (Templates are available at the department.)
- Submit to the History department chair the thesis proposal, a writing sample, and a written recommendation from one member of the History faculty. These will be shared with the departmental faculty for comment.

- Pending approval of the thesis proposal, the student will register for HST H555 Senior Honors Thesis by emailing Professor Reeve. The candidate must register for HST H555 in the first semester of the senior year.
- In fall semester, the thesis writer will receive an INC for HST H555, which will be changed to a grade after successful completion of the thesis the following spring.

Senior Year:

- The student will complete the majority of project research during the first semester of senior year. Students are strongly encouraged to begin their research during the preceding summer.
- During the spring term of senior year, the candidate will write two to three drafts of the thesis.
- Hard copies of the honors essay, of no less than 25 pages, will be submitted to the entire History faculty for review two weeks before the spring thesis defense, usually scheduled during exam week. An electronic copy should be emailed the History Department Office Manager.
- The Honors scholar will make an oral defense of the thesis and take questions from departmental faculty.
- Immediately following the student defense, the History faculty will determine if the candidate will receive honors in History and inform him or her the day of the defense.

Note: Honors thesis writers are required to meet regularly with their thesis director throughout senior year.



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History

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Phi Alpha Theta, the National History Honor Society, has had a presence at Suffolk in the form of its Theta Lambda Chapter since 1962. It is composed of both faculty and student members. Student membership is determined by the completion of at least 20 semester hours of History courses with an average of 3.6, plus a general cumulative average of 3.4. Transferred credits cannot be counted in the requirements. Invitations to membership are extended in the spring, and induction will take place at the annual reception for graduating History majors and minors at the end of April.



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History

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
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- [History Courses](#)

- HST-100 Introduction to Asian Studies: Culture, People, Ideas

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, the Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Fall Term

- HST-101 History of Western Civilization I

Credits:

4.00

Description:

Surveys European culture, politics, and society from antiquity to the seventeenth century. Topics include: the Greek, Judaic, and Roman heritage; the rise of Christianity; feudal society in the Middle Ages; Renaissance and Reformation; the Scientific Revolution; and the development of absolutist and constitutional governments.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

• **HST-102 History of Western Civilization II**

Credits:

4.00

Description:

Surveys European culture, politics, and society from the Scientific Revolution to the present. Topics include: the development of absolutist and constitutional governments; the Enlightenment; the French Revolution; Industrialization and urbanization; nationalism and imperialism; World War I, World War II, and the Cold War; the decline of Europe as a world power.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

• **HST-103 Cultures and Social Transformations in Asia**

Credits:

4.00

Description:

Presenting the major trends relevant to social, cultural, and economic transformations that can be seen in Asia today. Especially, students will explore the following trends: the Diaspora of the Chinese and Indian People; the hold of Traditional Religious Beliefs in a Modernizing Asia such as the influences of Buddhism and Islam; the preservation of Martial Values and in Militarism in Asia; Issues related to Gender and Sexuality; Pop Culture among young people in Asia.

- **HST-115 Introduction to Chinese History and Culture**

Credits:

4.00

Description:

Discusses Chinese civilization from its origins to its recent rise as a world power. Spark students' interest in China and enable them to relate Chinese history and society to their lives and careers.

- **HST-121 World History I**

Credits:

4.00

Description:

Explores the major themes of human history to 1500. Topics include: hunter-gathering, the migration of humans across the globe, transitions to food production, and the development of complex societies based on agriculture. Major early Eurasian civilizations (China, India, the Middle East, and Europe) are examined (alongside their interactions with Inner Asia and the Arabian Peninsula). So too are Sub-Saharan Africa and the Americas.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

• HST-122 World History II

Credits:

4.00

Description:

Explores the major themes of human history since 1500. Topics include: the outward expansion of Europe, the Scientific Revolution, the Enlightenment, the Age of Revolutions, the Industrial Revolution, the creation of a great-power dominated global system, the two world wars, the Cold War, the Third World, globalization, climate change, and modern social and political movements.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

• HST-149 Empires & Globalization in World History I

Credits:

4.00

Description:

This is the first of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include the formation of the medieval trade system, the development of finance and capitalism in the early modern ages, and economic changes prior to the Industrial Revolution. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-150 Empires & Globalization in World History II**

Credits:

4.00

Description:

This is the second of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include state-making, wars, and the rivalry among early modern empires, economic development, the Industrial Revolution and the formation of the global trade system. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-181 American Life to the Civil War Era**

Credits:

4.00

Description:

Surveys American history from European colonization up through the era of the Civil War. Topics include interactions with Native Americans; slavery; the American Revolution; the founding of a new republic; social and economic developments in the early nineteenth century; expansion; party politics; sectional conflict; the Civil War and Reconstruction.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-182 American Life Since the Civil War Era**

Credits:

4.00

Description:

Surveys American history from the 1870s to the present. Topics include the new industrial order; farmer and worker protests; progressivism; America's emergence as a world power; the two World Wars; the Great Depression; the New Deal; the Cold War; post-World War II American society; the Civil rights movement; Vietnam; dissent and counterculture in the 1960s; the women's movement; economic, social, and political changes in the late-twentieth century; America's relationship to a globalized world.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-200 Gateway to the Past: The Historian's Craft**

Credits:

4.00

Description:

Explores history as an evolving academic discipline, a method of inquiry into the past, and a profession. Students learn historical thinking and research skills that enable them to frame a research question, identify and retrieve required sources, and make an argument about the ideas and actions of past peoples and societies. Required for history majors. Offered annually during Fall term.

Term:

Offered Fall Term

- **HST-210 Traditional Chinese Society from 1800 to 1949**

Credits:

4.00

Description:

Focuses on traditional Chinese society from 1800 to 1949. Explains how elements of Chinese traditional culture contribute to modern Chinese identity and everyday life.

- **HST-218 History of the Mongols**

Credits:

4.00

Description:

The history of the Mongol Empire, from the emergence of unified Mongol federation at the beginning of 13th century to its dismemberment into independent territories in Mongolia, China, Transoxiana, Iran, and Kipchak Khanate. We will discuss the topological and geographical features of the Mongolian homeland; and the social, economic, and ideological aspects of their lives. The life and the military and political achievements of Genghis Khan will be highlighted, as well as the Mongols' rule over conquered realms. We will also explore through critical discussions the most important historical approaches to the Mongols.

- **HST-227 Eyes on the Prize: Civil Rights Movement of the 20th Century**

Credits:

4.00

Description:

Using the documentary series, Eyes on the Prize, a History of the Civil Rights Movement, the class will present the history of the Civil Rights Movement in the United States during the 20th century. Each week of the class will be focused around one of the 14 parts of the series. The presentation of the film segment will be accompanied by readings of texts, articles and documents.

- **HST-228 African American Experience and Public History in the U.S.**

Credits:

4.00

Description:

Examines the way that African American history is presented through public history in the United States. This exploration will include monuments, memorials and historic sites that both focus on the African American experience and examine how they fit into the context of American history. Time will also be given to look at the use of films, architecture and archaeology. This will be done through reading texts, viewing of films and visiting local historic sites that explore public history and the African American experience from various geographical perspectives.

- **HST-233 The Creation of Russia**

Credits:

4.00

Description:

Examines Russia, the world's largest country, leading energy exporter, a major nuclear and space power, and a permanent member of the UN Security Council. Topics include: the Byzantine, Nomadic, and West European cultural layers that helped form Russian civilization; the impact of the Mongols; Russia's competition and expansion against more advanced and wealthier foes; Ivan the Terrible and Peter the Great's reforms.

Term:

Occasional

- **HST-234 History of Sports in Boston and the World**

Credits:

4.00

Description:

Explore the modern Winter Olympics and the development of athletic events such as the Boston Marathon; as well as the history of basketball (invented in Massachusetts) and baseball and their importance to Boston's history. Examine some of the iconic sports figures of Boston, and the statues and monuments made to them.

- **HST-235 History of Sport and the Olympic Games**

Credits:

4.00

Description:

Explore the History of Boston and around the world through sports, with special focus on American football, association football(soccer) and the World Cup; the development of the NCAA, Title IX and college athletics; the Olympic Games--ancient, revival and modern. Students will also analyze how athletics and athletic events have been commemorated by statues and memorials in and around Boston.

- **HST-236 Public History and Cultural Heritage**

Credits:

4.00

Description:

Explores the key concepts and current practices of public history as an academic discipline and professional field in museums, libraries, archives, historical societies, historic houses, and preservation organizations. Examines the presentation and interpretation of history to popular audiences through documentaries, motion pictures, Web sites, and other forms of media. Topics covered will include curation, conservation, fundraising, educational and interpretive programming. Students will gain practical experience by participating in substantive, directed projects with partnering organizations.

- **HST-237 Medieval Iran under the Nomadic Dynasties**

Credits:

4.00

Description:

Revolutionary changes through three crucial centuries of Iran's history (12th-15th), as Iran withstood two destructive invasions by nomadic leaders, including Genghis Khan and Tamerlane. Examines the social and economic changes Iran experienced, and the rise of Shi'ism and mysticism, which all resulted in the emergence of the Safavid dynasty. A multilateral perspective--political, cultural social, and economic--to conceptualize the different aspects of this important period.

Type:

Asian Studies

- **HST-238 Reemergence of Iran and Its Medieval & Early Modern History**

Credits:

4.00

Description:

Examines many different aspects of political, social, economic, and cultural history of Iran in the two centuries (1501-1722) of the Safavid dynasty. The Safavids raised Iran's culture and civilization to a high level which had never been in its Islamic period. But the Safavids also traumatized the unity of the Islamic world, preventing the Ottomans from prosecuting their military victories over the western world.

- **HST-244 History of the Iranian Islamic Revolution**

Credits:

4.00

Description:

Reviews modern Iranian politics with a special attention on the history of the Islamic Revolution of 1979; evaluates the factors which caused the revolution and its impacts on Iranian society, the Middle East, and the world. Among the important topics of discussion will be the role of the United States in Iranian politics (1953-1979); the policies of Mohammad Reza Shah Pahlavi (1941-1979); the hostage crisis (1979-1981); the Iran-Iraq War (1980-1988); the Reform Movement (1997-2005); and the re-emergence of radical policies under Ahmadinejad since 2005.

Term:

Occasional

- **HST-246 History of Modern Iran**

Credits:

4.00

Description:

Examines the contemporary history of Persia (Iran) from the time of its independence in the beginning of the sixteenth century to the present with special concentration on geographical/historical background; social structure, ethnic, religious, and linguistic diversities; Safavid and Qajar dynasties;

Anglo-Russian interventions and occupations; constitutional revolution and reform; centralization, secularization and modernization under Pahlavi dynasty; opposition to westernization and Islamic revolution.

- **HST-247 History of Modern Middle East**

Credits:

4.00

Description:

Explores the broad historical forces, conflicts and major events that have shaped the contemporary nations of the modern Middle East. Topic include: the emergence of the modern Middle East from the empires of the sixteenth and seventeenth centuries; the age of colonialism; the rise of nationalism; socialism, capitalism; the impact of Israeli and Palestinian conflict on the region; oil, the Islamic Revolution in Iran and the rise of Islamic fundamentalist movements; U.S. policy; and Saddam Hussein's Iraq.

Term:

Offered Fall Term

- **HST-248 Peaceful Coexistence: Muslims, Christians, and Jews in Medieval Iberia**

Credits:

4.00

Description:

Surveys Muslim and Christian occupied territories on the Iberian Peninsula (modern-day Spain and Portugal), focusing on principal events and broad trends, 711-1492. Special emphasis will be placed on tolerance as manifested in the toleration of religious minorities, cultural and scientific interaction, translation and peaceful coexistence *convivencia*); and on intolerance as manifested through warfare (jihad, crusade), frontier mentality, massacres, forced conversions, the setting up of the Inquisition and the final expulsion of the Jews in 1492 and of the descendants of the converted Muslims or moriscos in 1609 and 1814.

Type:

Global Engagement Experience

- **HST-250 A History of Martial Arts in Movies**

Credits:

4.00

Description:

Outlines the history of Chinese martial arts in five movies, highlighting Chinese views of violence, personal loyalty, government, and justice.

- **HST-251 Modern East Asia**

Credits:

4.00

Description:

China, Japan, and Korea - East Asia's critical players - share many historical influences, but each has a distinct culture, and they competed with each other for much of the twentieth century, proud of their achievements but feeling threatened by their neighbors. Lectures interspersed with movies and documentaries to show how East Asia has developed in the past one-hundred-plus years.

Type:

Social & Intellectual HST

- **HST-252 The Rise of China: Through Films, Media, and History**

Credits:

4.00

Description:

Discusses the rise of China as the world's largest economy and its impact on our life through films, media, and history.

- **HST-255 Films and Contemporary China**

Credits:

4.00

Description:

Uses a series of films to demonstrate the changes in people's lives in contemporary China. It focuses on the Reform Era between 1980 and present. The topics include Chinese politics, economic growth, social change, and popular cultures.

Term:

Occasional

Type:

Asian Studies

• HST-256 Exploring Asia

Credits:

4.00

Description:

In this course each student will select a topic about Asia that they wish to study. Virtually any topic, to be approved by the professor, is acceptable. The goal will be to write a five to seven page paper about that topic by the end of the course. As a class, we will work together through each step of the process of defining a topic, gathering materials about it, and organizing and reporting the final paper.

• HST-260 Asian Peoples and Cultures

Credits:

4.00

Description:

Introduces the peoples of Asia and the cultures they have created. Particular attention is paid to the lives of the common people in both historical and contemporary times. By understanding the richness and complexities of daily life in Asia, we will understand the continuities and discontinuities brought on by social, cultural, and economic changes. We will gain an appreciation of our fellow human beings in Asia.

Type:

Social & Intellectual HST

- **HST-261 African History to 1800**

Credits:

4.00

Description:

Explores the history of Africa from prehistoric times to the nineteenth century to give students an introduction to African Studies and a sense of Africa's place in world history. Topics include: the Nile Valley civilizations, West African empires, the trans-Saharan trade, the slave trade, the spread and impact of Islam.

Term:

Offered Fall Term

- **HST-262 Modern African History Since 1800**

Credits:

4.00

Description:

Examines the history of Africa from 1800 to the present and enable students to develop an understanding of issues that affect the relationship between modern Africa and the world. Topics include: the African tradition; the impact of Islam and Christianity, abolition of the slave trade, European imperialism and colonialism, African independence movements, African nationalism, Pan Africanism.

Term:

Offered Spring Term

- **HST-263 Comparative Race Relations**

Credits:

4.00

Description:

Compares and analyzes the history of race and politics in South Africa and the United States from the 17th century to the present. Examines how race as a social and ideological construct influenced and informed political conflicts over land, labor, and social relations in the two countries including slavery, segregation, apartheid, and the struggle to create racial democracies.

Term:

Offered Fall Term

- **HST-265 Comparative Slavery**

Credits:

4.00

Description:

This lecture-discussion course compares the institution of slavery over time and across space. Beginning with its emergence and articulation in the Ancient World, the institution of slavery was evident on all of the continents and played a dynamic role in defining humanity and in forming social, economic, cultural, and political formations up to the Modern Era. The course examines the institution of slavery in its many manifestations from nomadic societies to sedentary ones, from kinship-based states to territorial-based ones, from tribal societies to advanced civilizations, from pre-capitalist economies to capitalist ones.

- **HST-266 Crime and Punishment in Early Modern Europe: 1500-1800**

Credits:

4.00

Description:

Explores crime, law and punishment in Europe in the early modern era (1500-1800). Topics include: the nature of crime in early modern Europe; the purposes and roles of law (criminal, civil, and others); forms of punishment and what law, crime, and punishment tell us about early modern European society.

- **HST-268 History of the Mediterranean**

Credits:

4.00

Description:

Explores the history of the Mediterranean from the ancient times to the 20th century, with emphasis on the extraordinary interaction between the rich cultural, ethnic and religious backgrounds of the peoples of Europe, Middle East, and North Africa.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-269 Early Modern France**

Credits:

4.00

Description:

Examines early modern France (1400-1789), emphasizing the development of religious, political, and legal institutions. Topics include: the emergence of France as an absolute monarchy; the Protestant and Catholic Reformations in France; the religious wars of the sixteenth century; France's role overseas; war and diplomacy with other European countries; the Enlightenment; the French Revolution; and the rise of Napoleon.

Term:

Occasional

- **HST-270 Revolution! the Contours of Modern Europe, 1610-1815**

Credits:

4.00

Description:

Explores Europe's political, social, and intellectual transformation, from the decline of Bourbon France's L'Ancien Regime, through the rise of the Enlightenment, to the upheavals of the French Revolution and Napoleon's empire.

- **HST-271 African-American History 1619-1860**

Credits:

4.00

Description:

Examines the history of Africans in the United States from their arrival in the colonies to the Civil War and the end of legal slavery. Topics examined include: the development of the slave system, African-Americans, and the Declaration of Independence, and the abolition movement.

Term:

Occasional

- **HST-272 African-American History From 1860**

Credits:

4.00

Description:

Examines African American history from the end of slavery to the twenty first century. Topics examined include: Emancipation and Reconstruction, Reconstruction and the Constitution, the Harlem Renaissance, the Civil Rights and Black Power Movements, and African-Americans at the start of the twenty-first century.

Term:

Occasional

- **HST-274 Women in 19TH-CENTURY Europe**

Credits:

4.00

Description:

Explores the condition of European women from 1800 to 1914. Readings focus primarily on women's experiences in France and Great Britain. Topics include: the effects of industrialization on the lives of working-class women; working and middle-class women's negotiation of marriage, work, and family life; the rise of feminism, women's greater participation in the public sphere, and conservative reaction to these changes in women's place in society; women and crime; Victorian ideas about female sexuality; the politics of class and gender in nineteenth-century European society.

Term:

Occasional

- **HST-275 Women in 20TH-CENTURY Europe**

Credits:

4.00

Description:

Examines the changing place of women in European society since 1900. Topics include: women's suffrage and the political advances of the 1920s and 1930s; the revolution in sexual mores, birth control, and the rise of companionate marriage; women and the consumer economy; the anti-woman policies of Fascist Italy and Germany under National Socialism; liberation of women and retrenchment in the Soviet Union; World War II; feminism, sexual liberation, and women's political engagement since the 1960s; and, throughout the twentieth century, women's continuing negotiation of work and family responsibilities.

Term:

Occasional

- **HST-276 History of Modern Latin America**

Credits:

4.00

Description:

The development of Latin American states: society, economy and culture, from colonial origins to the present. Cultural Diversity B

Term:

Occasional

- **HST-278 The Spanish Civil War (1936-1939) and Spain Today**

Credits:

4.00

Description:

This course provides an overview of the Spanish Civil War (1936-1939), examining its causes, course, consequences and relevance in 21st Century Spain. It focuses on the end of the monarchy and the Second Spanish Republic; causes of the War; Hitler, Mussolini, Stalin and the War; the International Brigades and the Abraham Lincoln Brigade; battles of the Civil War; Francoism; democracy and the pact of silence; Spain's memory wars.

Type:

Social & Intellectual HST

- **HST-281 History of the United Nations**

Credits:

2.00

Description:

This course provides a comprehensive introduction to the United Nations, exploring the historical, institutional, theoretical foundations as well as the political processes and issues facing the organization today.

- **HST-285 Colonial History of Latin America**

Credits:

4.00

Description:

An introduction to Latin America's colonial history through the Revolutionary Wars for Independence. The course examines topics that are relevant to issues and challenges facing Latin American and Caribbean peoples today, including poverty, corruption, human rights, the power of religion, race and

identity, the environment, international trade, political representation, foreign intervention, cultural survival, and the exploitation of land, labor and resources.

Term:

Occasional

- **HST-288 Presidents We Love to Hate**

Credits:

4.00

Description:

Some are born great, some achieve greatness, and some are complete disasters. Find out why some Presidents have been consistently ranked as great, been enshrined on Mount Rushmore, and why others have not. Even the greatest have been subject to criticism and ridicule, and even the worst have had their triumphs. Explore the reasons for this, and come to understand the historical context in which different chief executives have acted.

- **HST-289 Hamilton: The Seminar**

Credits:

4.00

Description:

The life and times of Alexander Hamilton--soldier, politician, financier, husband, father, philanderer, writer--through primary documents and biographical materials. We will uncover the world of the American founding and discover how we know what we know about the world that once was.

- **HST-290 19th Century America**

Credits:

4.00

Description:

Explores the history of the United States from 1810 to 1910. Students study the growth of American institutions, the rise and effects of a market society, westward expansion and Indian affairs, the enlivening of U.S. civic ideals, debates over free labor and slavery, the causes and effects of the Civil War, post-Civil War redefinitions of citizenship, immigration, Progressivism, and the nation's entry on to the world stage.

Term:

Occasional

- **HST-292 American Foreign Relations Since 1898**

Credits:

4.00

Description:

Surveys the history of the U.S. as a world power. Examines officials' motives and methods, as well as influences on policy in the form of social and economic forces, interest groups, and foreign challenges. Explores public debates over America's role (as well as debates among historians and international relations theorists), and discusses the domestic and foreign impact of America's world role. Major events addressed include the two world wars, the Cold War, Vietnam, and the U.S. recent history of involvement in the Middle East.

Term:

Occasional

- **HST-304 Imperial Rome**

Credits:

4.00

Description:

This course offers an introduction to the Golden Age of Roman culture and power. Close readings of selections from major historians, poets, political thinkers, and philosophers will be examined in the context of Augustan Rome. Topics such as pietas, virtus, and gravitas, as well as the competing claims of public duty and private devotion, stoic maxim and erotic love lyric, will be discussed from the perspectives of writers such as Virgil, Livy, Tacitus, Horace, Catullus, and Lucretius. Cross-listed with ENG 490.

Term:

Occasional

- **HST-308 Public History in Practice**

Credits:

4.00

Description:

Explores the key concepts and current practices of public history as an academic discipline and professional field in museums, libraries, archives, historical societies, historic houses, and preservation organizations. Examines the presentation and interpretation of history to popular audiences through documentaries, motion pictures, Web sites, and other forms of media. Topics covered will include curation, conservation, fundraising, educational and interpretive programming. Students will gain practical experience by participating in substantive, directed projects with partnering organizations.

- **HST-312 Renaissance and Reformation Europe**

Credits:

4.00

Description:

Explores the intellectual and cultural developments of the Renaissance, and of the Protestant and Catholic Reformations in their social and political contexts. Topics include: Humanism, the rise of the city-state; art, and science; changes in family and social life; the causes of the Reformation (intellectual, social, technological); Calvinists, Lutherans, and Radical Reformers; Counter-Reformation and its political consequences; the Wars of Religion.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-313 Cities of Early-Modern Europe**

Credits:

4.00

Description:

Explores the political, economic, social and cultural development of the urban experience in Europe in the 14-1700s. The history of the most important cities of the continent and Mediterranean, and their common path in business, urbanism, society and imperialism.

Type:

Social & Intellectual HST

- **HST-318 History of Sports in America**

Credits:

4.00

Description:

This class will look at the history of sports in America from the era of American independence to the present. This course will examine the various roles which sports has played in American society including entertainment, cultural, social, political, and business.

Term:

Occasional

- **HST-319 The History of Black Music in America**

Credits:

4.00

Description:

Using music as a window this class explores the history of Black America as well as the history of all America. Through a combination of texts, videos, and recordings this class examines the music of Black America, from it's African roots to hip hop in the 21st century. This will be done in the context and communities in which black music was created and performed, and also in relationship to the wider world.

Term:

Occasional

- **HST-321 History of Islam**

Credits:

4.00

Description:

Presents a coherent account of the origin and history of Islam since its foundation in Arabia in the seventh century A.D. to the present. Analyzes the terms, events, characteristics, developments, movements, and institutions that have been part of the shaping of Islam. Ideological challenges and impact of Islam in the world today from both spiritual and political perspectives are examined.

Term:

Occasional

- **HST-322 French Revolution and Napoleon**

Credits:

4.00

Description:

Examines the origins of revolution in 18th-Century France; the outbreak of revolution; the French Republic; the Reign of Terror; the European impact of the Revolution; the career of Bonaparte; Napoleonic warfare, the rise, fall and significance of the Empire.

Term:

Occasional

- **HST-325 Exploration, Colonization, and Imperialism**

Credits:

4.00

Description:

Begins with an overview of the Old Worlds (Africa, America, Asia and Europe) before the rise of the European hegemony. Next we will look at the growth of Europe's nation-states and their movement into the control of world trade. Then we will cover the period from the fifteenth to the nineteenth centuries - the transition from exploration to colonization to imperialism. The final segment of the class will pick up with the colonial/imperial system and its impacts on the modern world. Cultural Diversity B

Term:

Occasional

• HST-326 The Russian Revolution

Credits:

4.00

Description:

Examines the long Russian Revolution (1900-1930), one of the most important events of the 20th century. Topics include: the long-term trends and challenges that helped unleash the crises of 1917-1919; Rasputin's influence at the imperial court; challenges to the new Bolshevik regime; progress, modernization, and similarities to the new capitalist democracies of the West; the status and role of workers, women, and peasants in USSR; Lenin, Trotsky, and Stalin as leaders and individuals. (Formerly HST 433)

Term:

Occasional

• HST-327 World History: Selected Topics

Credits:

4.00

Description:

Emphasizes the continuities and changes that take place within civilizations; the similarities, differences, and relationships that exist among contemporary civilizations around the world. Special attention given to the evolving conflict between traditionalism and modernity.

Term:

- **HST-333 The United States: 1898-1945**

Credits:

4.00

Description:

Addresses social, intellectual, and cultural developments as well as politics and economics; foreign relations (and their connection to the domestic scene) are also discussed. Topics include: the labor movement, civil rights, woman suffrage, progressivism, the rise of the U.S. as a world power, the First World War, the cultural and social crosscurrents of the nineteen-twenties, Fordism, new developments in advertising and industrial engineering, the Great Depression, the New Deal, and World War II.

Term:

Occasional

- **HST-334 The United States: 1945-1970**

Credits:

4.00

Description:

American history in the decades immediately following World War II. Topics include the origins of the Cold War, McCarthyism, the emergence of a consumer society, the growth of the suburbs, the Civil Rights movement, the new women's movement, Vietnam, and the political upheavals of the 1960s.

Term:

Occasional

- **HST-335 The United States Since 1970**

Credits:

4.00

Description:

Examines the transformation of America in the decades since the early nineteen-seventies, taking up social, intellectual, and cultural developments as well as politics and economics; foreign relations (and their connection to the domestic scene) are also emphasized. Topics include: Watergate, the aftermath of the Vietnam War, the end of the post-World War II economic boom, the culture wars, the rise of the New Right and decline of the New Deal order, the end of the cold War, America's growing involvement in the Middle East globalization, the impact and aftermath of 9/11, and the Great Recession of the early twenty-first century.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-336 Fifth-Century Athens**

Credits:

4.00

Description:

An introduction to Periclean Athens, the golden age of classical Greek literature and thought. Close readings of selections from the historians Herodotus and Thucydides, the dramatists Aeschylus and Euripides, the poetry of Pindar, and Plato's great work on politics, *The Republic*. Cross-listed with ENG 316.

Term:

Occasional

- **HST-342 Modern Japanese History**

Credits:

4.00

Description:

Examines Japanese history from the beginning of the seventeenth century to the end of the twentieth century. The topics include early modern Japan during the Tokugawa era, Meiji Restoration, Japanese imperialism and World War II, Japan's emergence as the second largest economy in the world.

Term:

Occasional

Type:

Asian Studies

- **HST-348 Samurai: History, Literature & Film**

Credits:

4.00

Description:

Explores the history of samurai and its cultural meaning for Japanese society. It examines not only how the samurai class developed into a major political force, but also how it has been represented by literatures and films in different eras.

Term:

Occasional

Type:

Asian Studies

- **HST-357 History of Spain I**

Credits:

4.00

Description:

Surveys the most transcendent social, cultural, economic and political developments in the history of Spain from the Neolithic to the Early Modern Period. Examines the broad history of the nation and its peoples and placing emphasis on three central themes: diversity within the Iberian Peninsula, the region's social and geo-political structures, and the transformation of the Old Order of the ancient kingdoms into a modern, nation-state. Topics

include: the Pre-historical period, Roman Hispania, the Medieval Kingdoms, Islamic Civilization, the Christian Reconquest, the Catholic Monarchy, Imperial Spain under the Habsburgs, and the Crisis of the Spanish Empire in the 17th century.

- **HST-358 History of Spain II**

Credits:

4.00

Description:

Examines the political, economic, and social history of Spain from 1700 to the present. Topics include: the War of Spanish Succession; the Bourbon state; the Enlightenment in Spain; the impact of the French Revolution; Spain in the Napoleonic Wars; the rise of liberalism, socialism, and anarchism; the crisis of 1898; the problems of modernization; the Spanish Civil War and the Franco regime; the transition from dictatorship to democracy; Spain's international position today.

- **HST-H359 The Age of Franklin**

Prerequisites:

Permission of the Instructor required.

Credits:

4.00

Description:

Benjamin Franklin (1706-1790) rose from relative poverty and obscurity to become one of the most powerful and successful men of his century. Examines the political, scientific, and literary, and diplomatic cultures of the eighteenth century by focusing on Franklin's life, reading Franklin's Autobiography, and selections from his political, scientific, and satirical writings. This is an Honors-level course.

Term:

Occasional

Type:

Honors

- **HST-360 Native America: From Pre-History to the Trail of Tears**

Credits:

4.00

Description:

Examines the native people of North America before and after the European conquest. Native Americans' relations with one another and their reactions to the Europeans; European and Native American perceptions of one another; white Indians and noble savages; resistance and assimilation; the United States and Indian removal.

Term:

Occasional

- **HST-361 Native America 1832 to Present**

Credits:

4.00

Description:

Topics will include the Plains Indian Wars; ethnological aspects of Indian tribes; the pitfalls of Indian reform movements; Indian resistance to U.S. assimilation and reservation policies; the Indian New Deal; activism and the American Indian Movement; Indians' future prospects. Cultural Diversity A

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-362 History of Piracy**

Credits:

4.00

Description:

Explores the historical reality of pirates and piracy, focusing on the Golden Age years of 1650 to 1730, reasons why men (and some women) turned pirate, and why there has existed a continuing fascination with pirates for centuries. Particular emphasis is placed on the interaction between pirates and New England. Students will read primary sources and accounts, secondary sources, and fictional presentations - both books and films - to better understand piracy, why it happened, and why it continues to fascinate.

Term:

Offered Spring Term

• HST-363 Naval History: U.S.S. Constitution

Prerequisites:

03 Feb 2010 02:57pm Eric A Hatch

Credits:

4.00

Description:

In 1794 Boston's citizens watched the largest ship built here up to that time come together at the water's edge. Students will explore the 203-year story of Constitution by learning how craftsmen built this massive ship without electric tools; by following her two hundred years of naval service to the nation; by examining life at sea for the 450 sailors and officers who lived on board for voyages lasting several months; and by surveying the ways Americans have adopted Constitution as a national symbol, using her image to adorn decorative as well as utilitarian objects. Meets at the USS CONSTITUTION Museum and the USS CONSTITUTION.

• HST-364 History Curating & Exhibiting

Credits:

4.00

Description:

Explores the opportunities and challenges of presenting and interpreting history through exhibits at public institutions. Examines the role of history curator as traditional keeper of the past and current presenter and communicator of history and the role of history museums/heritage centers as

educational institutions for diverse, multiple audiences. Students will learn how to evaluate objects and other materials to create an historical narrative. Students will experience how to research, design, plan, fund, install, and promote exhibits of historical subjects.

- **HST-368 Boston's Historic Houses**

Credits:

4.00

Description:

Working with historic houses in Boston, students will learn that art of interpreting history. Using collections, archives, and other repositories, students will research the houses and the people who lived in them. Many of these houses have existed from colonial times and had various uses. Formerly:HST 368 Introduction to Historical Interpretation.

Term:

Occasional

- **HST-369 American Objects: Materials, Meaning and History**

Credits:

4.00

Description:

Explores American history through material objects - from colonial silver teapots to 1960s lava lamps. Students will investigate an object's purpose, how it was made and who made it, and interpret the object's cultural meanings for American history. Topics covered will include the decorative arts, vernacular architecture, archaeology, industrial design, ethnicity and gender, visual culture, and landscapes. Lectures and discussions will be complemented with visits to museums, historic houses, and other sites. Students will learn how to research and write about material cultures, placing objects or spaces in their historical context.

- **HST-371 U.S. Women's History Colonial to 1865**

Credits:

4.00

Description:

Traces the roles, images and experiences of women in America from colonial times to 1865. Topics include the family, work, religion, education, health care, motherhood, sexuality, social and political activism legal status, labor activism and popular culture. With attention to ethnicity, race, class, age, region of residence, disability and sexual orientation, the course focuses primarily on the everyday lives of ordinary women.

Term:

Offered Fall Term

- **HST-372 U.S. Women's History: 1865-present**

Credits:

4.00

Description:

Examines the social and cultural history of women in the United States from the close of the Civil War to the present. Using not only gender but also race, ethnicity, class, age, disability, region of residence, and sexual orientation as important categories of analysis, this course focuses on women's private and public lives. Topics include the family, work, religion, education, health care, private lives, motherhood, sexuality, social and political activism, legal status, labor activism, and popular culture.

Term:

Offered Spring Term

- **HST-373 History of Human Rights**

Credits:

4.00

Description:

Examines the history of human rights from the Enlightenment to the present, including the historical origins of human rights and its evolution over time as well as topics such as slavery, imperialism, women's rights, and genocide.

Term:

Occasional

- **HST-377 Caribbean and Latin-American Diaspora**

Credits:

4.00

Description:

A look at the migration of people, along with their culture, to and from the Caribbean and Latin America. The first half of the course looks at how European, Asian and African diasporas settled in the region, assimilated and contributed to the ethnic and cultural base of Caribbean and Latin America countries in the colonial period. The second half offers insight into how and why people from the Caribbean and Latin America would later form diasporas of their own in countries like the United States in the twentieth century. Students taking this course will get a sense of the struggles, accomplishments and culture of Caribbean and Latin American peoples in the United States. Formerly HST 286.

Term:

Occasional

- **HST-381 American Colonial History**

Credits:

4.00

Description:

Explores the founding and settlement of North America; the social, economic, and political development of European colonies and their interactions with Native People; the social religious, and cultural world of early America; witchcraft, slavery, and warfare; the British-French struggle for control of the North American continent; and the background and causes of the American Revolution.

Term:

Occasional

- **HST-383 Boston: Heritage of a City**

Prerequisites:

One History course

Credits:

4.00

Description:

Boston from its foundation in 1630 to its development as a 21st century metropolis. From the Massachusetts Bay Colony, to cradle of the American Revolution, to a Yankee merchant capital, Brahmin cultural center, and immigrant melting pot. When offered in the hybrid format, this course will meet at the regularly-scheduled time, but lectures and other course materials will be available on the course Blackboard site in case you cannot attend.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-385 Slavery & Race in American History**

Credits:

4.00

Description:

Topics will be selected from the following: the nature of slavery; the origins of slavery in America and the process of enslavement; the economics of slavery; the American Revolution and slavery; the slave trade; black and white women and the institution of slavery; rebellions of enslaved people; the pro-slavery argument; racial thought; masters and the culture of the South; the movement to abolish slavery; the literature of slavery; the Civil War and the end of slavery; Reconstruction; Segregation; the Civil Rights Movement; race and racism in contemporary America.

Type:

Social & Intellectual HST

- **HST-389 Creating the Constitution**

Prerequisites:

Sophomore Standing Required

Credits:

4.00

Description:

Investigates the development of American constitutional government, from the political crisis of the 1780s to the Civil War. The problems of individual liberty versus government power; state rights; race and slavery; war powers; pluralism.

Term:

Occasional

- **HST-392 American Civil War and Reconstruction**

Credits:

4.00

Description:

Examines the biggest war in American History; from the antebellum reform and expansion movements, slavery and the deepening sectional crisis of the 1850s. Analyzes violent war and Reconstruction to 1877.

Term:

Occasional

- **HST-394 Slavery in Film, Literature and History**

Credits:

4.00

Description:

A seminar on slavery in the United States as depicted in history, literature, and film. Topics may include resistance to slavery, honor, the attack on slavery, the cultural and social worlds of masters and enslaved people, the thought of masters and enslaved people, women and slavery, and/or slavery as an economic institution.

Type:

Social & Intellectual HST

- **HST-395 US History: Race and Ethnicity**

Prerequisites:

Permission of Instructor Required

Credits:

4.00

Description:

Explores the history of the United States from perspectives of some of America's racial and ethnic groups. Through readings, writings, and discussions students will examine the history of difference and diversity in the United States.

Term:

Occasional

- **HST-396 The African Diaspora**

Credits:

4.00

Description:

Examines the global dispersion of African people outside of the African continent. The history and culture of African descendant people and their communities in the Americas, Europe, and Asia will be included.

Term:

Occasional

- **HST-412 Europe in the 20th Century**

Credits:

4.00

Description:

Examines the political, economic, social and cultural developments of the principal European states since 1900. Topics include: World War I; the social and economic dislocations of the 1920s and 1930s; the rise of Fascism and National Socialism; World War II; the remains of colonialism; modernization and Americanization since the 1960s; the European Union; Europe after the Cold War; and throughout the twentieth century, the importance of class and class conflict, nationalism, and war in shaping the European experience.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-414 Nazi Germany**

Credits:

4.00

Description:

Examines German and European preconditions; the Versailles Treaty and the failure of the Weimar Republic; Hitler's ideas, collaborators and institutions; Nazi foreign and domestic policy; World War II and the concentration camps.

Term:

Occasional

- **HST-426 Politics and Culture in Europe 1919-1939**

Credits:

4.00

Description:

Explores the social and political development of European society between the two world wars, primarily through the literature, art, and films of the period. Topics include: the dissolution of pre-1914 middle class society; deviance and sexuality in the 1920s; the role of decadence in art and the Fascist response to deviance in life and art; women, workers, and the new technology; the rise of Fascism; political engagement and polarization throughout European society in the face of economic and social crisis.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-441 Social Movements in the Caribbean**

Credits:

4.00

Description:

A case-study approach to studying the various means by which people in the Caribbean sought to overcome the legacies of colonial exploitation of their land, labor and resources. The course also offers lessons from the case-studies for approaching/achieving positive social change. Students will learn about the people's struggles to improve their social lives, reduce poverty, access land, expand human rights, reduce illiteracy, and gain accountability from their governments through violent and non-violent means.

Term:

Occasional

- **HST-469 Research Seminar: African American Life in Slavery and Freedom- Reconstruction and the Freedman's Bureau**

Credits:

4.00

Description:

Introduces students to the Reconstruction era in American history, and uses Reconstruction as a bridge to look at enslavement, which preceded the era, and the issue of freedom during, and after the era. In the first half of the class students read from texts that will provide them with an understanding of slavery, emancipation and reconstruction. The second half of the class will utilize on-line collections of the Freedman's Bureau Papers to allow students to use documents to deepen their understanding of the Reconstruction era. The class will also provide a comparative approach by considering questions of citizenship in the 19th century for people of African descent in the United States, Latin America and the Caribbean. This course is identical to BLKST 469.

Term:

Occasional

- **HST-471 Self, Body, & Sexuality- U.S. History**

Credits:

4.00

Description:

This course examines American debates over the natures, capacities, and responsibilities of men and women from settlement of the New World through the present. Emphasis is given to three elements of the self: social and civic personhood, the body, and sexuality. We will focus on representations of womanhood and masculinity - across racial, ethnic, and class lines - and their effects on men and women in society, politics, and at law. Course readings will also examine concepts of human nature and the interplay among mind, body, and sexuality.

Term:

Occasional

- **HST-483 Death, Disease, Healing-Us Hst**

Credits:

4.00

Description:

Investigates how Americans have understood and responded to health, illness, and death from the eighteenth century to the present. Examine interactions among patients, healers (orthodox and heterodox), the medical and scientific professions, business, and government. Explore the effects of scientific and technological advancements, industrialization, urbanization, immigration, war, and social movements on the nation's moral and

political economies of health, and on evolving ideas about bodily integrity and autonomy, linked to historical relations of gender, race, class, and sexuality.

- **HST-H483 Death, Disease, Healing- U.S. History**

Prerequisites:

Sophomore status required. GPA 3.3 or higher OR instructor permission.

Credits:

4.00

Description:

Investigates how Americans have understood and responded to health, illness, and death from the eighteenth century to the present. Examines interactions among patients, healers (orthodox and heterodox), the medical and scientific professions, business, and government. Explores the effects of scientific and technological advancements, industrialization, urbanization, immigration, war, and social movements on the nation's moral and political economies of health, and on evolving ideas about bodily integrity and autonomy, linked to historical relations of gender, race, class, and sexuality. This is an honors-level course.

Term:

Occasional

Type:

Honors

- **HST-484 History of the Emotions**

Credits:

4.00

Description:

Explores ideas about emotional life from the fields of history, anthropology, sociology, and psychology as well as the evolution of emotion rules and prescriptions, focusing on western Europe and the United States since 1700. In the eighteenth century, emotions were seen as a positive influence on politics and public life, especially during the French Revolution. After the fall of Robespierre, the emotions were banished to the private sphere - so we

will read both primary sources and recent scholarship on 19th- and 20th- century ideas about masculinity and femininity, romantic love and marriage, childrearing, and about what parents and children are supposed feel toward each other, how ideas about these subjects have changed over time, and whether our feelings change with them.

Term:

Occasional

- **HST-489 Germany: Film, Politics, Memory Since 1945**

Credits:

4.00

Description:

Explores German history since 1945 through film, newsreels and other archival footage, war memorials and museums, novels, published diaries, memoirs, and recent historical scholarship. Topics include the representation, in film and other texts, of: post-war rebuilding; the German Economic Miracle; divided Berlin; 1960s and 70s radical politics; coming to terms since 1945, with Germany's Nazi past and the Holocaust; coming to terms since 1990 with the Stasi and East German past; Ostalgie (nostalgia in the 21st century for some aspects of East German socialism); the multi-cultural society that is Germany today, with new Turkish, Greek, Russian, Arab, and even Israeli communities.

Type:

Social & Intellectual HST

- **HST-494 Politics and Protest**

Credits:

4.00

Description:

Examines the impact of organized reform movements on American history from the 1800s to the twenty first century. In each era presented, students will explore the various dynamics that impact reform.

Term:

Occasional

• HST-510 Independent Study

Prerequisites:

An Independent Study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

By special arrangement, members of the History department will schedule seminars or individual discussion sessions with students interested in directed reading and research. Open to Juniors and Seniors with the permission of the instructor.

Term:

Offered Both Fall and Spring

• HST-522 History Internship

Prerequisites:

Permission of instructor required.

Credits:

4.00

Description:

Require approximately 12 hours of work per week in a history-related position, at a museum, historical society, or archive. Designed to introduce the student to the professional opportunities and responsibilities in the fields of public history or historic preservation. Interested students should consult the instructor in advance. Prerequisite: Permission of instructor is required.

Term:

Offered Both Fall and Spring

- **HST-H555 Senior Honors Thesis**

Credits:

4.00

Description:

An individual program of reading, research, and writing on an approved topic, under the supervision of a History faculty member. The completed thesis will be at least 20-25 pages reflecting original research. The qualifying student must have a 3.5 overall grade point average, and a 3.7 grade point average in History classes, must be recommended by two History faculty members, and must submit a writing sample of at least 5 pages to the Department chair by the end of their junior year. Must be taken in the Fall of the Senior year.

Type:

Honors



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Honors Independently Crafted Major

- [Major Requirements](#)

A student who is in good standing in the CAS Honors program may propose an Honors Independently Crafted Major (HICM) to the Honors Program. The student shall be guided by two faculty mentors who shall authorize the proposal before it is made to the Honors Program. The Honors Program reviews the proposal and oversees the progress of the student.

Major Requirements

The Honors Independently Crafted Major* must meet the following criteria:

1. The major must be at least 40 credits
2. The major must draw upon courses from at least two departments or distinct programs**
3. The major must include any requirements common to all CAS majors, existing or established in the future
4. The major must demonstrate sufficient coursework at the foundational level
5. The major must demonstrate sufficient coursework at the advanced level
6. The major must include coursework that imparts methodological and theoretical underpinning appropriate to the major
7. The major may include up to 4 credits of an internship course

8. The major may include up to 4 credits of independent study (beyond independent study credit used to complete an honors senior capstone project)

9. The major must include completion and presentation of an interdisciplinary senior capstone project

* The major is subject to all current Catalog policies.

**As defined by the Double Major policy.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Humanities

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Humanities Courses](#)

Major Requirements: 11 courses, 38-41 credits

Core Requirement (5 courses, 17 credits)

- **CAS-201 College to Career: Explore Your Options And Find Your Path**

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

- **ARH-101 Art History I**

Credits:

4.00

Description:

Surveys the art of Western civilization from prehistoric caves to medieval cathedrals. Considers works from the Ancient Near East, Ancient Egypt, Ancient Greece and Rome, the Byzantine Era, the Romanesque Period, and the Gothic Period in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-102 Art History II**

Credits:

4.00

Description:

Surveys the art of Europe and America from the Renaissance to the present. Considers work of painting, sculpture, and architecture from periods such as the Renaissance, the Baroque, the Rococo, Neoclassicism, Romanticism, Impressionism, Abstract Impressionism, and Post-Modernism in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

Choose one of the following:

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Studies in Literature

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Studies in Literature

- **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **ENG-124 Great Books of the World II**

Credits:

4.00

Description:

This course will introduce students to a selection of Great Books from around the world from the 17th century to the 21st, such as Don Quixote (Spain), Madame Bovary (France), The Communist Manifesto (Germany), The Origin of Species (England), War and Peace (Russia), On Dreams (Austria), Night (Hungary), Things Fall Apart (Nigeria), Satyagraha (India), I Am Prepared to Die (South Africa), Saeed the Pessoptomist (Israel), The Rouge of the North (China), and The House of Spirits (Chile). Readings may vary at the discretion of the instructor.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

Choose one of the following:

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **PHIL-211 History of Modern Philosophy**

Prerequisites:

Restricted to PHIL majors, minors, and CAS Honors students.

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Advanced Courses (6 courses, 21-24 credits)

Choose one [Art History course](#) at the 300-level or higher

Choose one [Art History course](#) at the 400-level

Choose two [Music History courses](#)

Choose two of the following courses in Literature, Philosophy, Art, and Music:

- Any [English course](#) numbered 217 or higher
- Any [Philosophy course](#) except 119, 123, and 127
- Any [French course](#) numbered 205 or higher, except 305, 306, 421, and 422
- Any [Spanish course](#) at the 300 or 400-level
- Any of the following internship courses (1-4 credits): ARH-209, MUH-290, ENG-514, PHIL-513

Notes:

- A maximum of four courses taken at other institutions or as part of a study abroad program may apply toward the major.
- Any Seminar for Freshmen with a topic related to art/art history, music/music history, literature, or other areas of humanistic inquiry may count toward the major with the approval of major advisor.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Humanities Courses](#)

Minor Requirements: 6 courses, 24 credits

Core Requirements (4 courses, 16 credits)

- ARH-101 Art History I

Credits:

4.00

Description:

Surveys the art of Western civilization from prehistoric caves to medieval cathedrals. Considers works from the Ancient Near East, Ancient Egypt, Ancient Greece and Rome, the Byzantine Era, the Romanesque Period, and the Gothic Period in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-102 Art History II**

Credits:

4.00

Description:

Surveys the art of Europe and America from the Renaissance to the present. Considers work of painting, sculpture, and architecture from periods such as the Renaissance, the Baroque, the Rococo, Neoclassicism, Romanticism, Impressionism, Abstract Impressionism, and Post-Modernism in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

Choose one of the following:

- **ENG-113 World Drama I**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Studies in Literature

- **ENG-114 World Drama II**

Credits:

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Studies in Literature

• **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's Odyssey, Sophocles' Oedipus, Virgil's Aeneid, selections from the Hebrew Bible and the Gospels, and Dante's Divine Comedy. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

• **ENG-124 Great Books of the World II**

Credits:

4.00

Description:

This course will introduce students to a selection of Great Books from around the world from the 17th century to the 21st, such as Don Quixote (Spain), Madame Bovary (France), The Communist Manifesto (Germany), The Origin of Species (England), War and Peace (Russia), On Dreams (Austria), Night (Hungary), Things Fall Apart (Nigeria), Satyagraha (India), I Am Prepared to Die (South Africa), Saeed the Pessoptomist (Israel), The Rouge of the North (China), and The House of Spirits (Chile). Readings may vary at the discretion of the instructor.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

Choose one of the following:

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **PHIL-211 History of Modern Philosophy**

Prerequisites:

Restricted to PHIL majors, minors, and CAS Honors students.

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Advanced Courses (2 courses, 8 credits)

Choose two [Art History](#) or [Music History](#) courses at the 200-level or higher.

Note:

- A maximum of two courses taken at other institutions or as part of a study abroad program may apply toward the minor.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Students interested in honors should consult with the department chair during the spring semester of their junior year. Qualifying students must have a 3.2 overall GPA as well as a 3.5 GPA in Humanities courses.

Honors candidates should register for HUM-502 in the fall semester of the senior year. Under the guidance of a faculty member, they will use this course to complete a research paper, which will be evaluated by all the professors in the student's field of study. If the evaluation is positive, the student will make an oral presentation of the paper in the spring.

- **HUM-502 Honors Thesis**

Prerequisites:

Permission of the Department Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Occasional



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- [Minor Requirements](#)
- [Honors](#)
- [Humanities Courses](#)

- HUM-502 Honors Thesis

Prerequisites:

Permission of the Department Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Occasional



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Illustration

A minor in Illustration provides an introduction to the theory and practice of the discipline. The curriculum is rooted in fundamental principles of visual communication related to picture making, with emphasis on the development of essential technical and conceptual skills. Students are introduced to traditional genres and applications (narrative, editorial, technical, advertising, visual development) in the context of contemporary professional practice.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Illustration Minor Requirements](#)
- [Illustration Courses](#)

Minor Requirements: 6 courses, 18 credits

BFA candidates may not double count major requirements towards the minor.

Required for All Students:

- **ADIL-S201 Illustration I: Visual Communication**

Prerequisites:

ADF-S101 and ADF-S166 and ADIL-S223 is recommended (previously or concurrently)

Credits:

3.00

Description:

This course introduces fundamental concepts and principles of visual communication, with emphasis on the expression of ideas and storytelling through pictures. Topics include implied and sequential narrative, theatrical singing, and visual metaphor. Informed by lecture, discussion and examples, students explore these concepts through a series of assignments with defined objectives related to audience and function (description, symbolism, narrative, poetic allusion, etc.) Through preliminary studies and sketches, students are encouraged to explore multiple solutions, carefully considering concept, drawing, composition, and technical approach. Students are encouraged to use media and methods of choice.

Term:

Offered Fall Term

Required for Art & Design BFA students:

- **ADIL-S202 Illustration II: Process & Practice**

Prerequisites:

ADIL-S201;

Credits:

3.00

Description:

This course expands on concepts introduced in Illustration I, with emphasis on visual problem solving, generation of original ideas, and the process of picture making. Sequenced assignment each address a different set of parameters related to a different target audience, a different illustration genre (editorial, entertainment, institutional, educational, advertising, etc.) Emphasis is placed on the need to preserve spontaneity and authentic vitality in task-based creative work with multiple requirements, time restraints and periodic art direction. Students use traditional or digital media of their choice and are introduced to pre-production, formatting and presentation requirements for effective print and digital reproduction.

Term:

Offered Spring Term

- **ADIL-S223 Traditional Techniques**

Prerequisites:

ADF-S166 and ADF-S101

Credits:

3.00

Description:

Students explore a variety of wet and dry medias, surfaces, tools and approaches traditionally used for illustration. Assignments involve observational subject matter, including still life, wildlife, urban and natural landscape, portrait and clothed figure. Media are handled expressively or with precision, and preliminary exercises provide opportunities for experimentation and practice. Final results are evaluated in terms of technical process and proficiency, readability and reproducibility, and successful application of fundamental principles of design and color theory.

Term:

Offered Fall Term

- **ADIL-S255 Digital Techniques**

Prerequisites:

Take ADF-S101 and ADF-S166;

Credits:

3.00

Description:

Introduction and exploration of applications used for digital drawing, painting, and sculpting, including Adobe Photoshop, Adobe Illustrator, and LightWave 3D modeling software. Similarities, compatibilities, and essential differences between applications are demonstrated. Efficient file management, help menus, online tutorials, scanning, formatting, printing, and presentation procedures are also covered. Assignments are observational (still life, landscape, portrait, and figure) - not invented imagery. Exercises provide opportunities for experimentation and practice. Final results are evaluated in terms of technical process and proficiency, readability and reproducibility, and successful application of fundamental principles of design and color theory.

Term:

Offered Spring Term

- **ADIL-S301 Illustration III: Style & Substance**

Prerequisites:

Take ADIL-S202;

Credits:

3.00

Description:

This course examines the elements of visual style, the relationship between style and meaning, and the role and impact of stylistic trends in contemporary illustration. Students explore aesthetics and factors that contribute to unique and authentic style. Art buyer choices and public tastes are analyzed. Assignments are approached professionally, as art direction, and within a set of parameters, students are encouraged to take advantage of opportunities for creative freedom. Assignments include an interdisciplinary collaborative project and the integration of text with image. Students practice with their preferred media as they develop awareness of elements that contribute to the characteristic look that identifies their work.

Term:

Offered Fall Term

• ADIL-S305 Figure in Context

Prerequisites:

ADF-S101 AND ADF-S166(OR ADF-S143 and ADF-S151), and ADF-S102 is recommended.(may be taken concurrently)

Credits:

3.00

Description:

Explores the relationship between the human figure and the environment, providing intensive observational drawing and painting practice as preliminary study and visual reference for spatially and compositionally cohesive narrative imagery. Principles of color theory, light logic, and linear and atmospheric perspective are applied to address both 2-dimensional and 3-dimensional concerns (composition, color and the illusion of volume and spatial depth). With attention to theatrical staging, students arrange pose, drapery, clothing, props, and lighting to express specific narrative and emotional context. Camera and dioramas are used for visual reference and students combine reference materials from various sources. Sculptural models are used to explore human skeletal and muscular anatomy.

Required for Non-Art & Design Majors:

• ADF-S101 Foundation Drawing I

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• ADF-S102 Foundation Drawing II

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the nude human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

- **ADF-S166 2D/Color**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

Type:

Arts Admin Minor Elective

Non-Art & Design Majors should choose two of the following:

- **ADIL-S202 Illustration II: Process & Practice**

Prerequisites:

ADIL-S201;

Credits:

3.00

Description:

This course expands on concepts introduced in Illustration I, with emphasis on visual problem solving, generation of original ideas, and the process of picture making. Sequenced assignment each address a different set of parameters related to a different target audience, a different illustration genre

(editorial, entertainment, institutional, educational, advertising, etc.) Emphasis is placed on the need to preserve spontaneity and authentic vitality in task-based creative work with multiple requirements, time restraints and periodic art direction. Students use traditional or digital media of their choice and are introduced to pre-production, formatting and presentation requirements for effective print and digital reproduction.

Term:

Offered Spring Term

- **ADIL-S223 Traditional Techniques**

Prerequisites:

ADF-S166 and ADF-S101

Credits:

3.00

Description:

Students explore a variety of wet and dry medias, surfaces, tools and approaches traditionally used for illustration. Assignments involve observational subject matter, including still life, wildlife, urban and natural landscape, portrait and clothed figure. Media are handled expressively or with precision, and preliminary exercises provide opportunities for experimentation and practice. Final results are evaluated in terms of technical process and proficiency, readability and reproducibility, and successful application of fundamental principles of design and color theory.

Term:

Offered Fall Term

- **ADIL-S255 Digital Techniques**

Prerequisites:

Take ADF-S101 and ADF-S166;

Credits:

3.00

Description:

Introduction and exploration of applications used for digital drawing, painting, and sculpting, including Adobe Photoshop, Adobe Illustrator, and LightWave 3D modeling software. Similarities, compatibilities, and essential differences between applications are demonstrated. Efficient file management, help menus, online tutorials, scanning, formatting, printing, and presentation procedures are also covered. Assignments are observational (still life, landscape, portrait, and figure) - not invented imagery. Exercises provide opportunities for experimentation and practice. Final results are evaluated in terms of technical process and proficiency, readability and reproducibility, and successful application of fundamental principles of design and color theory.

Term:

Offered Spring Term

• ADIL-S305 Figure in Context

Prerequisites:

ADF-S101 AND ADF-S166(OR ADF-S143 and ADF-S151), and ADF-S102 is recommended.(may be taken concurrently)

Credits:

3.00

Description:

Explores the relationship between the human figure and the environment, providing intensive observational drawing and painting practice as preliminary study and visual reference for spatially and compositionally cohesive narrative imagery. Principles of color theory, light logic, and linear and atmospheric perspective are applied to address both 2-dimensional and 3-dimensional concerns (composition, color and the illusion of volume and spatial depth). With attention to theatrical staging, students arrange pose, drapery, clothing, props, and lighting to express specific narrative and emotional context. Camera and dioramas are used for visual reference and students combine reference materials from various sources. Sculptural models are used to explore human skeletal and muscular anatomy.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Illustration

A minor in Illustration provides an introduction to the theory and practice of the discipline. The curriculum is rooted in fundamental principles of visual communication related to picture making, with emphasis on the development of essential technical and conceptual skills. Students are introduced to traditional genres and applications (narrative, editorial, technical, advertising, visual development) in the context of contemporary professional practice.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Illustration Minor Requirements](#)
- [Illustration Courses](#)
- ADIL-224 History of Illustration

Credits:

4.00

Description:

The study of how images have been used to illustrate ideas, tell stories, convey information and assist in human communication throughout history. Through presentation, lecture, discussion, research, field trips and selected readings, students explore the historical antecedents and significant trends in illustration before the late 20th century. Important illustration markets and applications are emphasized, and notable artists and artworks are presented in the context of the larger culture. The changing role, employment status and professional practices of the commercial artist are discussed. Attention is given to the impact of reproduction and distribution technologies on the evolution Illustration profession and markets for creative content as well as the impact of economics on intellectual property rights.

Term:

Offered Fall Term

- **ADIL-338 Illustration Professional Practices**

Prerequisites:

ADIL-S301

Credits:

3.00

Description:

An introduction to contemporary illustration professional practices within a broad range of specializations and related fields. Students identify personal interests, capabilities, strengths and career priorities and goals that will influence their lives as creative professionals. Contemporary professional issues, marketing and self-promotion are covered in depth. Assignments include logo design and a direct marketing/email promotional piece. Students research professional competitions and organizations as advertising and networking opportunities and identify prospective clients and employers, produce resumes and polish interviewing and presentation skills. Freelance/contractor self-employment issues and entrepreneurial small business practices are thoroughly addressed, including reproduction rights, pricing, licensing, negotiation, contracts, bookkeeping, taxes, insurance and retirement.

- **ADIL-400 Illustration Internship**

Prerequisites:

Take ADIL-338;

Credits:

3.00

Description:

Illustration Majors may choose to complete an Illustration Internship in substitution for the course Collaboration (ADIL-S402). The Internship is designed to give students experience and exposure to the professional world of illustration or an illustration-related field in order to prepare for employment. Student interns work on a part-time basis, essentially as apprentice employees. Interns maintain a journal of activities and observations. Classroom seminars will provide opportunities for reinforcing new skills, sharing learning experiences and discussing concerns. Before the end of the junior year, students interested in an internship should investigate potential employment directly related to their intended area of professional concentration. All internships must be approved in advance by the Illustration Program Director and should be completed during the senior year or the prior summer semester.

• ADIL-S201 Illustration I: Visual Communication

Prerequisites:

ADF-S101 and ADF-S166 and ADIL-S223 is recommended(Previously or concurrently)

Credits:

3.00

Description:

This course introduces fundamental concepts and principles of visual communication, with emphasis on the expression of ideas and storytelling through pictures. Topics include implied and sequential narrative, theatrical staging, and visual metaphor. Informed by lecture, discussion and examples, students explore these concepts through a series of assignments with defined objectives related to audience and function (description, symbolism, narrative, poetic allusion, etc.) Through preliminary studies and sketches, students are encouraged to explore multiple solutions, carefully considering concept, drawing, composition, and technical approach. Students are encouraged to use media and methods of choice.

Term:

Offered Fall Term

• ADIL-S202 Illustration II: Process & Practice

Prerequisites:

ADIL-S201;

Credits:

3.00

Description:

This course expands on concepts introduced in Illustration I, with emphasis on visual problem solving, generation of original ideas, and the process of picture making. Sequenced assignments each address a different set of parameters related to a different target audience, a different illustration genre (editorial, entertainment, institutional, educational, advertising, etc.) Emphasis is placed on the need to preserve spontaneity and authentic vitality in task-based creative work with multiple requirements, time restraints and periodic art direction. Students use traditional or digital media of their choice and are introduced to pre-production, formatting and presentation requirements for effective print and digital reproduction.

Term:

Offered Spring Term

- **ADIL-S214 Illustration for Designers**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course introduces the skills necessary for meeting clients' illustration needs in a variety of media appropriate to their context. Emphasis will be placed on developing the ability to draw real objects and real people while advancing a personal style. Development of visual research and photo reference, thumbnailing and rendering skills for ones presentation of ideas and concepts while designing the proper environment for their illustration will be required.

- **ADIL-S223 Traditional Techniques**

Prerequisites:

ADF-S166 and ADF-S101

Credits:

3.00

Description:

Students explore a variety of wet and dry medias, surfaces, tools and approaches traditionally used for illustration. Assignments involve observational subject matter, including still life, wildlife, urban and natural landscape, portrait and clothed figure. Media are handled expressively or with precision, and preliminary exercises provide opportunities for experimentation and practice. Final results are evaluated in terms of technical process and proficiency, readability and reproducibility, and successful application of fundamental principles of design and color theory.

Term:

Offered Fall Term

- **ADIL-S255 Digital Techniques**

Prerequisites:

Take ADF-S101 and ADF-S166;

Credits:

3.00

Description:

Introduction and exploration of applications used for digital drawing, painting, and sculpting, including Adobe Photoshop, Adobe Illustrator, and LightWave 3D modeling software. Similarities, compatibilities, and essential differences between applications are demonstrated. Efficient file management, help menus, online tutorials, scanning, formatting, printing, and presentation procedures are also covered. Assignments are observational (still life, landscape, portrait, and figure) - not invented imagery. Exercises provide opportunities for experimentation and practice. Final results are evaluated in terms of technical process and proficiency, readability and reproducibility, and successful application of fundamental principles of design and color theory.

Term:

Offered Spring Term

- **ADIL-S301 Illustration III: Style & Substance**

Prerequisites:

Take ADIL-S202;

Credits:

3.00

Description:

This course examines the elements of visual style, the relationship between style and meaning, and the role and impact of stylistic trends in contemporary illustration. Students explore aesthetics and factors that contribute to unique and authentic style. Art buyer choices and public tastes are analyzed. Assignments are approached professionally, as art direction, and within a set of parameters, students are encouraged to take advantage of opportunities for creative freedom. Assignments include an interdisciplinary collaborative project and the integration of text with image. Students practice with their preferred media as they develop awareness of elements that contribute to the characteristic look that identifies their work.

Term:

Offered Fall Term

- **ADIL-S302 Illustration IV: Originality & Creativity**

Prerequisites:

Take ADIL-S301;

Credits:

3.00

Description:

This course provides an opportunity for students to consolidate the knowledge and experience from the three previous semesters of Illustration to expand their conceptual and technical skills as they strive for a synthesis of concept, process, technique, and style. Students will explore innovative and personal ways to express visual ideas, while focusing on advanced assignments that address a variety of real world applications and genres. Progressing from instructor-defined to student-defined objectives, assignments provide opportunity for students to develop an efficient and dependable ideation process and technical competence in a preferred medium. In the final weeks, students will be asked to develop a draft Studio Project Proposal Outline for the following semester.

Term:

Offered Spring Term

- **ADIL-S305 Figure in Context**

Prerequisites:

ADF-S101 AND ADF-S166(OR ADF-S143 and ADF-S151), and ADF-S102 is recommended.(may be taken concurrently)

Credits:

3.00

Description:

Explores the relationship between the human figure and the environment, providing intensive observational drawing and painting practice as preliminary study and visual reference for spatially and compositionally cohesive narrative imagery. Principles of color theory, light logic, and linear and atmospheric perspective are applied to address both 2-dimensional and 3-dimensional concerns (composition, color and the illusion of volume

and spatial depth). With attention to theatrical staging, students arrange pose, drapery, clothing, props, and lighting to express specific narrative and emotional context. Camera and dioramas are used for visual reference and students combine reference materials from various sources. Sculptural models are used to explore human skeletal and muscular anatomy.

• ADIL-S307 Visual Development

Prerequisites:

Take ADIL-S201 and ADIL-S255 or ADG-S219;

Credits:

3.00

Description:

This studio elective explores the basic components of the pre-production process for animation, computer games, film and television - concept, character design, properties and assets, backgrounds and environments. Using a given story sequence and working as a team, students will produce everything from plot analysis to storyboards, maquettes, dioramas, background layouts and matte painting. Both aesthetic and technical issues will be addressed, with emphasis on effective process, including research and generation of ideas. Theories of dramatic staging, atmospheric and linear perspective and anatomy of visual storytelling will be reviewed with attention to narrative sequence, point of view, action, transitions and editing. Students will work with a variety of traditional 2D and 3D media and computer applications for drawing and painting (Photoshop, Painter, SketchUp, Blender, Maya) and be introduced to professional practices and presentation.

• ADIL-S401 Studio Project

Prerequisites:

Take ADIL-S302;

Credits:

3.00

Description:

This semester of rigorous intellectual and creative exploration provides opportunity to research a subject of personal interest with social, cultural, scientific or commercial relevance. Students visually communicate ideas and information from their research and analyze and synthesize information and data to produce original visual works for a particular audience. This studio practice has interdisciplinary focus and may be the spark for ideas to

be expanded in Illustration Portfolio or Illustration Collaboration courses. Experience and insights are a higher priority than the tangible results. Students carefully document and evaluate their ideas, research activities and results.

Term:

Offered Fall Term

• ADIL-S402 Collaboration

Prerequisites:

ADIL-S302

Credits:

3.00

Description:

Creative collaboration provides a valuable opportunity for Illustration seniors to work with other artists or designers from any discipline - students or practicing professionals (on a pro bono basis), in partnership or groups - on original interdisciplinary creative projects related to theater (set, lighting and costume design), advertising (ads, packaging, signage and exhibitions), creative writing (publishing), journalism (commentary and reportage), medical or environmental science, biology, public service, or entrepreneurial licensed products. Content must derive from an existing source and all text must be previously published and written by someone other than the student illustrator. Collaborators divide tasks and responsibilities to best advantage.

Term:

Offered Spring Term

• ADIL-S410 Portfolio

Prerequisites:

TAKE ADIL-S302;

Credits:

3.00

Description:

Concentrated studio practice within a student's preferred illustration-related field, genre, market or subject matter, using the preferred media and format and targeting the preferred audience. Projects may involve existing or self-generated content (creative writing, product design, etc.). Students develop a concise project outline and work independently to create a focused body of artwork to be used to obtain employment or freelance work. Progress is discussed in weekly group seminars and individual instructor critiques. Final artwork is reproduced and assembled in a professional quality print portfolio. Students also present the work on a professional web site and may choose to participate in a solo or group exhibition of the original artwork. Each student invites an outside professional (publisher, art director, licensing agent, artist rep., etc.) to evaluate their portfolio for a final Portfolio Review.

Term:

Offered Fall Term

- **ADIL-S500 Illustration Directed Studio**

Prerequisites:

Instructor's Approval

Credits:

3.00

Description:

The student completes a directed studio project under the supervision of a full-time Illustration faculty member. Directed Studio request forms must be accompanied by a written proposal with a schedule and must be approved by the instructor, the Illustration Program Director, and the Department Chair.

Term:

Offered Both Fall and Spring

- **ADIL-S510 Undergraduate Independent Stud**

Credits:

3.00

Description:

An Independent Study provides the student with the opportunity to examine an issue of interest that falls outside the parameters of the existing curricula. The student will work on a one-on-one basis with a full time faculty member to realize a particular and well-defined goal. All proposals for Independent Study must be approved by the Dean's Office in advance of the beginning of the semester during which the work will be completed.



2017-2018 Archived Catalog Information

Interior Design

The New England School of Art & Design offers a Bachelor of Fine Arts in Interior Design.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Interior Design Courses](#)

Major Requirements: 28 courses, 88 credits

Courses numbered 200 and above have as a prerequisite the completion of the [Foundation Studies](#) program or its equivalent. Other exceptions may be made only with the permission of the instructor and the Interior Design program director.

The letter "S" preceding a course number indicates a studio course. A studio fee is assessed for all studio courses.

For specific sequence of courses, contact your advisor or the department.

- **ADF-S101 Foundation Drawing I**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• **ADF-S102 Foundation Drawing II**

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the nude human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

• **ADF-S152 3-Dimensional Design**

Prerequisites:

ADF S151 or ADF S166; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

• ADF-S166 2D/Color

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

Type:

Arts Admin Minor Elective

• ADF-S172 CI: Integrated Studio II

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

Type:

Creativity and Innovation

- **ADI-S106 Interior Design Communications**

Prerequisites:

Take ADF-S101 ADI-S108 OR ADI-S205;

Credits:

3.00

Description:

Interior Design Communications teaches students how drawing media, observational drawing, perspective theory, color and design graphics can be integrated into the designer's process. In addition to exploring contrast, accent, reflection, shade and shadow, the course underscores the importance of freehand sketching as a tool to foster intellectual inquiry and convey design concepts to a wider audience. The course introduces students to manual and digital methods for composing work for conceptual expression, technical drawing presentation, and portfolio purposes.

Term:

Offered Both Fall and Spring

- **ADI-S107 Spatial Graphics**

Credits:

3.00

Description:

Students will be exposed to a range of software applications commonly used in the design industry. Exercises will be used to enhance compositional skills, demonstrate the effective utilization of color and how to integrate images, drawings and vector graphics. Work will be presented in a variety of formats common to studio and client presentations. Students will compose multi-page documents and develop an understanding of appropriate file hierarchies. Exercises expose students to the experiential qualities of design through an exploration of signs, symbols and maps. In addition to 2D graphic solutions, vector graphics for generating 3D artifacts using digital fabrication tools, will be employed.

• ADI-S110 Digital Orthographics

Credits:

3.00

Description:

This course will provide students with an understanding of orthographic principles and their importance to spatial thinking and design communication. Students will produce manual drawings in order to manipulate scale. Students will employ Computer Aided Drafting (CAD) software to create measured architectural plans, elevations and sections. The course will introduce students to file management skills and develop proficiency in using cloud based resources. Students will employ virtual workspaces to conduct work in, and out of class. Vector graphic software will also be used to compose work, manipulate technical drawings and illustrate plans and sections for portfolio use.

Term:

Offered Both Fall and Spring

• ADI-S201 Interior Design Studio I

Prerequisites:

ADF S152, ADF S143, ADI S110 Prior to or concurrent with ADI 234 Take ADI S106 or ADI S205

Credits:

3.00

Description:

This studio introduces students to basic design principles, design theory and concept development. Emphasis will be placed on design process, problem solving, spatial organization, anthropometrics, universal design awareness, and presentation techniques. Students will be given a series of

projects of increasing complexity, utilizing and building upon the skills developed in the Foundation courses. Students will be expected to produce process diagrams, plans, elevations, models, and finish boards.

Term:

Offered Both Fall and Spring

• ADI-S202 Residential Design Studio

Prerequisites:

ADI S201 AND ADF S102

Credits:

3.00

Description:

This course addresses residential interior environments on a large scale. Students will develop client contact and programming skills. Emphasis will be placed on residential precedents, design process, human factors, accessibility, building codes, diagramming, spatial organization, detailing, presentation techniques, furnishings, finishes and lighting.

Term:

Offered Both Fall and Spring

• ADI-S215 Human Factors & Universal Design

Credits:

3.00

Description:

In this course, students will explore how physiological and psychological factors inform the design of space. Students participate in a series of design challenges that explore topics such as anthropometrics, ergonomics, and proxemics. The seven principles of universal design will be examined through a sequence of charrette exercises. Students will solicit input from User-Experts and employ a more inclusive design process to develop equitable design solutions. In doing so, culture, gender, age, and physical ability will be identified as catalysts for creativity and innovation.

- **ADI-223 History of Furniture & Architecture**

Credits:

4.00

Description:

This course provides students with the skills to critically analyze historic styles and examine the impact they have had on design. Emphasis will be placed on chronological periods, from antiquity to the 21st century. By examining visual characteristics of each time period, the course reveals how geography, culture and societal values have shaped furniture and architecture for centuries. The course also introduces terminology germane to a study of contemporary furniture and architecture styles. Using the city of Boston as a reference point, students will explore issues of preservation, restoration, rehabilitation, and adaptive re-use in order to identify how the region's design landscape is adapting to environmental and social demands.

- **ADI-234 History & Theory of Interior Architecture**

Prerequisites:

Taken concurrently with ADI S201

Credits:

3.00

Description:

This course introduces students to the important individuals, ideas and issues that have shaped the direction of contemporary interior design practice in the twentieth century, building upon the historical foundation established by the Ideas of Western Art and History of Furniture and Architecture classes. Intermixing lectures and readings with visits to important local buildings, it discusses the influences of culture, technology, fashion and media upon the work and thinking of the first generation of modern designers, as well as emerging social, moral and environmental imperatives that will form the basis of future practice; cultural identity, interdisciplinary collaboration, sustainability and universal design.

Term:

Offered Fall Term

- **ADI-242 Interior Codes & Construction**

Prerequisites:

Prerequisite: ADI S110 or S510.

Credits:

3.00

Description:

This course examines various interior construction assemblies of non-load-bearing walls, load-bearing walls, floors, stairs, elevators, fireplaces, ceilings, doors, interior windows, frames, millwork and fire-related construction. Emphasis will be placed on building codes including state, BOCA, Underwriters Laboratory, ASTM, state and federal accessibility codes and construction materials. Students will also be introduced to basic structural concepts and characteristics of structural materials.

Term:

Offered Both Fall and Spring

• ADI-244 Interior Materials & Finishes

Prerequisites:

Intended for majors only

Credits:

3.00

Description:

Students will study the visual qualities, technical characteristics and applications of the common materials and finishes used in interior installations. These materials include floor coverings, wall coverings, textiles, ceiling and sustainable materials. Related fire, health and safety codes, as well as maintenance and life cycle costs, will be discussed. Class material will be presented in the form of lectures, guest speakers and a tour of the Boston Design Center. Students will learn to analyze, select and specify materials and finishes for the appropriate applications, write specifications, and prepare a resource notebook.

Term:

Offered Both Fall and Spring

• ADI-254 Lighting

Prerequisites:

Prior drafting or CAD experience recommended

Credits:

3.00

Description:

This course introduces students to the art and technology of lighting and explores the use of lighting as a design element in the interior environment. Class material will be presented as a series of lectures, readings and demonstrations. Students will learn to analyze interior lighting installations, calculate lighting levels for interiors, select appropriate light fixtures and prepare a lighting plan based on one of their studio projects.

Term:

Offered Both Fall and Spring

• ADI-306 Portfolio

Prerequisites:

Senior Status

Credits:

3.00

Description:

This course employs manual and digital skills to develop a professional portfolio. Students will investigate key components of portfolio content and consider how existing graphic skills can be employed to demonstrate ideas creatively and substantively. Through hands-on mock up and layout techniques students compare and contrast different presentation formats in advance of digital composition. Students will also explore methods for documenting and archiving their own work. In addition to presenting final work, students will also explore ways to present research, schematic analysis and precedent investigations.

Term:

Offered Both Fall and Spring

• ADI-S264 Advanced Interior Design Communication

Prerequisites:

Take ADI-S106 and ADI-S110 (Required) Take ADF-S101 (Recommended)

Credits:

3.00

Description:

As a continuation of the Interior Design Communication course, students will develop proficiency in communicating aspects of the design process. These process skills include digital wireframe modeling and manual drawings enhanced by digital tools. Students will employ three-dimensional rendering software to enhance perspectives and create walk-through visualizations of their digital models. Movie editing software will be used to create multimedia presentations and students will learn to employ a variety of media formats for presenting their work.

Term:

Offered Both Fall and Spring

• ADI-S303 Contract Design Studio I

Prerequisites:

ADF S102, ADI S201, ADI 242, ADI 244, ADI S264

Credits:

3.00

Description:

This commercial design studio focuses on the design of work environments. Students will develop programming and space planning skills unique to these environments through a series of small- to medium-sized projects. Emphasis will be placed on commercial precedents, programming, design process, human factors, building codes, ADA, spatial organization, detailing, presentation techniques, office furniture systems, equipment, finishes, and lighting.

Term:

Offered Both Fall and Spring

• ADI-S304 Furniture and Detailing Studio

Prerequisites:

ADI S201, ADI S264

Credits:

3.00

Description:

This course introduces students to the design process as it applies to furniture, addressing furniture ergonomics, materials, construction techniques, manufacturing and design. Students will research selected topics, and design seating, work/service pieces and cabinetry. Emphasis will be placed on furniture precedents, research, design process, human factors, accessibility, detailing, documentation and presentation techniques.

Term:

Offered Both Fall and Spring

• **ADI-S305 Contract Design Studio II**

Prerequisites:

ADI S202, ADI 221, ADI S110

Credits:

3.00

Description:

This studio focuses on adaptive re-use and renovation of commercial interiors with attention given to historical buildings in the Boston area. Emphasis on creative problem-solving methods and a philosophical approach to medium- and large-scale hospitality and retail design projects. Students will be required to incorporate the skills and knowledge gained throughout their studies to create a comprehensive project, including presentation drawings, models, material and furniture boards, and a set of construction documents and specifications.

Term:

Offered Fall Term

• **ADI-352 Environmental Systems**

Prerequisites:

ADI 242

Credits:

3.00

Description:

This course studies mechanical, electrical, and plumbing technology and systems commonly employed in residential and commercial interiors. It will introduce students to the vocabulary, concepts and basic components of these fields of engineering. This will enable students to integrate these building systems in their design work and communicate ideas effectively with project engineers and contractors. The course will include commonly used heating, ventilating, air conditioning, plumbing piping and fixtures, fire sprinklers, electrical supply and distribution, smoke detection and fire alarm systems. Related mechanical, electrical and plumbing codes will also be discussed.

Term:

Offered Both Fall and Spring

• **ADI-S372 Construction Documents**

Prerequisites:

ADI S110 AND ADI S201

Credits:

3.00

Description:

Building on the curriculum of Orthogonal Drawing, this course will explore in more detail the features of CAD and BIM software. Programs will be used as tools to draft, organize, and produce a set of construction documents. Students will complete a full set of contract documents.

Term:

Offered Both Fall and Spring

• **ADI-390 Marketing, Contracts, & Internship**

Prerequisites:

Take ADI-S201

Credits:

4.00

Description:

This course covers the business aspects of interior design, including firm management, client, and contractor relationships, project management, proposal writing, and market resourcing. In addition, students will be exposed to career planning practices, such as portfolio development, resume preparation and interviewing techniques. Tours of architectural and interior design firms will also be included. Students may complete the required internship hours during or prior to taking this course. In the final stage of the class each participant will systematically analyze their experience of practice. They will compare and contrast the business models within which they have worked and present these to their peers.

• ADI-398 Senior Programming & Pre-Design

Prerequisites:

ADI S201, ADI S202, ADI S303, ADI S304, ADI S372

Credits:

3.00

Description:

This course is designed to be the first part of the BFA Senior Studio in Interior Design. The senior ID project is intended as the culmination of the interior design studio sequence. It is an individual effort, supported by the studio faculty, that is inclusive of the entire design process from the programming phase through final design and documentation. The objective of part one, Senior Programming & Pre-Design, is for individual students to research, develop, and draft a program document which will guide their design work in part two, Senior Studio. Students will explore the possible project types and precedents, select and develop a client profile and program, and research and analyze an architectural site. Written and graphic analysis tools will be employed. The preliminary conceptual (pre-design) phase of work is also introduced.

Term:

Offered Spring Term

• ADI-S401 Senior Studio

Prerequisites:

ADI S201, ADI S202, ADI S303, ADI S304, ADI S305, ADI S372 AND ADI 398

Credits:

3.00

Description:

This studio course completes the undergraduate studio sequence in Interior Design. This final design studio emphasizes individual competence with respect to the total design process. Students will utilize the research and programming document produced in ADI 398, Senior Programming & Pre-Design, to develop a comprehensive design solution for their individual studio problem through schematics, design development, presentation drawings and specifications.

Term:

Offered Spring Term

- **ARH-101 Art History I**

Credits:

4.00

Description:

Surveys the art of Western civilization from prehistoric caves to medieval cathedrals. Considers works from the Ancient Near East, Ancient Egypt, Ancient Greece and Rome, the Byzantine Era, the Romanesque Period, and the Gothic Period in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-102 Art History II**

Credits:

4.00

Description:

Surveys the art of Europe and America from the Renaissance to the present. Considers work of painting, sculpture, and architecture from periods such as the Renaissance, the Baroque, the Rococo, Neoclassicism, Romanticism, Impressionism, Abstract Impressionism, and Post-Modernism in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Interior Design

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- [Major Requirements](#)
- [Interior Design Courses](#)

- ADI-01 Introduction to Interior Design & Decoration

Credits:

2.00

Description:

This elective course is designed to aid students in determining whether to pursue a career in interior design and decorating. Through both lectures and studio work, students will be shown basic drafting and graphic communication techniques used in presentation of visual ideas, as well as various elements of interior composition, such as space planning, color, furniture, finish and material selection. The final project will be suitable for inclusion in a portfolio. Normally offered each semester.

Term:

Offered Both Fall and Spring

- ADI-221 History of Furniture & Architecture I

Credits:

4.00

Description:

The goal of this course is the enhancement of the student's critical comprehension of historic styles and the impact they have on contemporary design solutions. The survey begins with the Egyptian period and provides an overview of the history of furniture and architecture through the mid-1700s, including ancient Greece and Rome, the Gothic and Renaissance, Baroque and Rococo periods. Emphasis will be placed on chronological periods, the visual characteristics of each style including regional idiosyncrasies, and the terminology germane to a study of furniture and architecture.

Term:

Offered Both Fall and Spring

• **ADI-222 History of Furniture & Architecture II**

Prerequisites:

ADI 221

Credits:

4.00

Description:

A continuation of History of Furniture & Architecture I, this course will extend the investigation of furniture and architecture into the 20th century, while addressing issues concerning preservation, restoration, rehabilitation, and adaptive re-use. Drawing on the vast resources of the city of Boston and its environs, students will become actively involved in stylistic progression, local living history, and the benefits of preserving our past for future generations. Field trips will include visits to restored Federal, Victorian and Contemporary venues.

Term:

Offered Both Fall and Spring

• **ADI-223 History of Furniture & Architecture**

Credits:

4.00

Description:

This course provides students with the skills to critically analyze historic styles and examine the impact they have had on design. Emphasis will be placed on chronological periods, from antiquity to the 21st century. By examining visual characteristics of each time period, the course reveals how geography, culture and societal values have shaped furniture and architecture for centuries. The course also introduces terminology germane to a study of contemporary furniture and architecture styles. Using the city of Boston as a reference point, students will explore issues of preservation, restoration, rehabilitation, and adaptive re-use in order to identify how the region's design landscape is adapting to environmental and social demands.

• ADI-234 History & Theory of Interior Architecture

Prerequisites:

Taken concurrently with ADI S201

Credits:

3.00

Description:

This course introduces students to the important individuals, ideas and issues that have shaped the direction of contemporary interior design practice in the twentieth century, building upon the historical foundation established by the Ideas of Western Art and History of Furniture and Architecture classes. Intermixing lectures and readings with visits to important local buildings, it discusses the influences of culture, technology, fashion and media upon the work and thinking of the first generation of modern designers, as well as emerging social, moral and environmental imperatives that will form the basis of future practice; cultural identity, interdisciplinary collaboration, sustainability and universal design.

Term:

Offered Fall Term

• ADI-242 Interior Codes & Construction

Prerequisites:

Prerequisite: ADI S110 or S510.

Credits:

3.00

Description:

This course examines various interior construction assemblies of non-load-bearing walls, load-bearing walls, floors, stairs, elevators, fireplaces, ceilings, doors, interior windows, frames, millwork and fire-related construction. Emphasis will be placed on building codes including state, BOCA, Underwriters Laboratory, ASTM, state and federal accessibility codes and construction materials. Students will also be introduced to basic structural concepts and characteristics of structural materials.

Term:

Offered Both Fall and Spring

• ADI-244 Interior Materials & Finishes

Prerequisites:

Intended for majors only

Credits:

3.00

Description:

Students will study the visual qualities, technical characteristics and applications of the common materials and finishes used in interior installations. These materials include floor coverings, wall coverings, textiles, ceiling and sustainable materials. Related fire, health and safety codes, as well as maintenance and life cycle costs, will be discussed. Class material will be presented in the form of lectures, guest speakers and a tour of the Boston Design Center. Students will learn to analyze, select and specify materials and finishes for the appropriate applications, write specifications, and prepare a resource notebook.

Term:

Offered Both Fall and Spring

• ADI-254 Lighting

Prerequisites:

Prior drafting or CAD experience recommended

Credits:

3.00

Description:

This course introduces students to the art and technology of lighting and explores the use of lighting as a design element in the interior environment. Class material will be presented as a series of lectures, readings and demonstrations. Students will learn to analyze interior lighting installations, calculate lighting levels for interiors, select appropriate light fixtures and prepare a lighting plan based on one of their studio projects.

Term:

Offered Both Fall and Spring

• **ADI-306 Portfolio**

Prerequisites:

Senior Status

Credits:

3.00

Description:

This course employs manual and digital skills to develop a professional portfolio. Students will investigate key components of portfolio content and consider how existing graphic skills can be employed to demonstrate ideas creatively and substantively. Through hands-on mock up and layout techniques students compare and contrast different presentation formats in advance of digital composition. Students will also explore methods for documenting and archiving their own work. In addition to presenting final work, students will also explore ways to present research, schematic analysis and precedent investigations.

Term:

Offered Both Fall and Spring

• **ADI-333 Linked Generations: Survey of Contemporary Spanish Architecture**

Credits:

3.00

Description:

This seminar aims to reveal the key elements of contemporary practices by analyzing the relationship between the masters of Spanish architecture of the 20th C. and the generations following. It will focus on such figures such as Saenz de Oiza, Fisac and De la Sota, continuing with current masters such as Campo Baeza, Moneo and Navarro Baldeweg, the first generation of Spanish architects to have international recognition. More recent inheritors include Aparicio, Abalo, Herreros, Mansilla & Tunon, Nieto Sobejano and Miralles, professionals with prominent academic positions worldwide. Attention will also be given to a new generation of promising architects (Garcia Abril, Sanchez, Jaque, Virseda Vila, Fernandez) whose projects are outstanding for the rigor of their construction and sensitivity to their natural and cultural surroundings. Class lectures will be accompanied by site visits to Madrid buildings designed by these architects, as well as to the studio offices where some of them actually work, to familiarize the students with how these small-scale firms develop their projects. Students will individually carry out a conceptual analysis of a prominent building through sketching and diagrammatic modeling of its principal architectural elements, with a final presentation of the results to a panel of critics.

- **ADI-352 Environmental Systems**

Prerequisites:

ADI 242

Credits:

3.00

Description:

This course studies mechanical, electrical, and plumbing technology and systems commonly employed in residential and commercial interiors. It will introduce students to the vocabulary, concepts and basic components of these fields of engineering. This will enable students to integrate these building systems in their design work and communicate ideas effectively with project engineers and contractors. The course will include commonly used heating, ventilating, air conditioning, plumbing piping and fixtures, fire sprinklers, electrical supply and distribution, smoke detection and fire alarm systems. Related mechanical, electrical and plumbing codes will also be discussed.

Term:

Offered Both Fall and Spring

- **ADI-384 Interiors Marketing & Contracts**

Prerequisites:

ADI-S201; Intended for majors only

Credits:

3.00

Description:

This course will cover the business aspects of interior design, including firm management, client, and contractor relationships, project management, proposal writing, and market resourcing. In addition, students will be exposed to career planning practices, such as portfolio development, resume preparation and interviewing techniques. Tours of architectural and interior design firms will also be included.

Term:

Offered Both Fall and Spring

- **ADI-390 Marketing, Contracts, & Internship**

Prerequisites:

Take ADI-S201

Credits:

4.00

Description:

This course covers the business aspects of interior design, including firm management, client, and contractor relationships, project management, proposal writing, and market resourcing. In addition, students will be exposed to career planning practices, such as portfolio development, resume preparation and interviewing techniques. Tours of architectural and interior design firms will also be included. Students may complete the required internship hours during or prior to taking this course. In the final stage of the class each participant will systematically analyze their experience of practice. They will compare and contrast the business models within which they have worked and present these to their peers.

- **ADI-398 Senior Programming & Pre-Design**

Prerequisites:

ADI S201, ADI S202, ADI S303, ADI S304, ADI S372

Credits:

3.00

Description:

This course is designed to be the first part of the BFA Senior Studio in Interior Design. The senior ID project is intended as the culmination of the interior design studio sequence. It is an individual effort, supported by the studio faculty, that is inclusive of the entire design process from the programming phase through final design and documentation. The objective of part one, Senior Programming & Pre-Design, is for individual students to research, develop, and draft a program document which will guide their design work in part two, Senior Studio. Students will explore the possible project types and precedents, select and develop a client profile and program, and research and analyze an architectural site. Written and graphic analysis tools will be employed. The preliminary conceptual (pre-design) phase of work is also introduced.

Term:

Offered Spring Term

• ADI-400 Interior Design Internship

Prerequisites:

ADI S202 and ADI S303; senior BFA standing required. This course fulfills the Expanded Classroom Requirement

Credits:

3.00

Description:

With the assistance of the faculty advisor, each student will identify an appropriate internship site with a local interior design firm. All interns are required to complete 120 hours of work/study within the semester, working a minimum of 8 hours per week under the direction of a qualified Interior Designer. Interns are expected to contribute to the host firm at a high level of design interaction. All interns will meet bi-weekly with the faculty advisor. The classroom seminars will reinforce new skills, share learning experiences, and answer questions or concerns. A firm site visit, production of firm profile, and participation in a professional organization are required within the seminar.

Term:

Offered Both Fall and Spring

• ADI-500 Interior Design Directed Study

Prerequisites:

Consent of Program Director required.

Credits:

1.00- 6.00

Description:

Directed Study/Studio allows students to pursue an in-depth research project in an area of particular interest, directed by a qualified faculty member. Available every semester.

- **ADI-H500 Interior Design Directed Study**

Prerequisites:

Consent of Program Director required.

Credits:

1.00- 6.00

Description:

Directed Study/Studio allows students to pursue an in-depth research project in an area of particular interest, directed by a qualified faculty member. Available every semester.

Type:

Honors

- **ADI-510 Undergraduate Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

3.00

Description:

An Independent Study provides the student with the opportunity to examine an issue of interest that falls outside the parameters of the existing curricula. The student will work on a one-on-one basis with a full time faculty member to realize a particular and well-defined goal. All proposals for Independent Study must be approved by the Dean's Office in advance of the beginning of the semester during which the work will be completed.

- **ADI-S106 Interior Design Communications**

Prerequisites:

Take ADF-S101 ADI-S108 OR ADI-S205;

Credits:

3.00

Description:

Interior Design Communications teaches students how drawing media, observational drawing, perspective theory, color and design graphics can be integrated into the designer's process. In addition to exploring contrast, accent, reflection, shade and shadow, the course underscores the importance of freehand sketching as a tool to foster intellectual inquiry and convey design concepts to a wider audience. The course introduces students to manual and digital methods for composing work for conceptual expression, technical drawing presentation, and portfolio purposes.

Term:

Offered Both Fall and Spring

- **ADI-S107 Spatial Graphics**

Credits:

3.00

Description:

Students will be exposed to a range of software applications commonly used in the design industry. Exercises will be used to enhance compositional skills, demonstrate the effective utilization of color and how to integrate images, drawings and vector graphics. Work will be presented in a variety of formats common to studio and client presentations. Students will compose multi-page documents and develop an understanding of appropriate file hierarchies. Exercises expose students to the experiential qualities of design through an exploration of signs, symbols and maps. In addition to 2D graphic solutions, vector graphics for generating 3D artifacts using digital fabrication tools, will be employed.

- **ADI-S108 Perspective Principles**

Prerequisites:

Prior or concurrent drawing experience

Credits:

3.00

Description:

This course introduces students to the systems of perspective developed during the Renaissance as a means of creating the illusion of 3-dimensional space on a 2-dimensional surface. Using 1-, 2-, and 3-point perspective, students will learn to effectively represent space. Basic drafting techniques and architectural scale are introduced. Both free-hand sketching and technical drawing methods will be emphasized. Manipulation of drawing through computerized scanning and digital photography included.

Term:

Offered Both Fall and Spring

- **ADI-S110 Digital Orthographics**

Credits:

3.00

Description:

This course will provide students with an understanding of orthographic principles and their importance to spatial thinking and design communication. Students will produce manual drawings in order to manipulate scale. Students will employ Computer Aided Drafting (CAD) software to create measured architectural plans, elevations and sections. The course will introduce students to file management skills and develop proficiency in using cloud based resources. Students will employ virtual workspaces to conduct work in, and out of class. Vector graphic software will also be used to compose work, manipulate technical drawings and illustrate plans and sections for portfolio use.

Term:

Offered Both Fall and Spring

- **ADI-S201 Interior Design Studio I**

Prerequisites:

ADF S152, ADF S143, ADI S110 Prior to or concurrent with ADI 234 Take ADI S106 or ADI S205

Credits:

3.00

Description:

This studio introduces students to basic design principles, design theory and concept development. Emphasis will be placed on design process, problem solving, spatial organization, anthropometrics, universal design awareness, and presentation techniques. Students will be given a series of projects of increasing complexity, utilizing and building upon the skills developed in the Foundation courses. Students will be expected to produce process diagrams, plans, elevations, models, and finish boards.

Term:

Offered Both Fall and Spring

• **ADI-S202 Residential Design Studio**

Prerequisites:

ADI S201 AND ADF S102

Credits:

3.00

Description:

This course addresses residential interior environments on a large scale. Students will develop client contact and programming skills. Emphasis will be placed on residential precedents, design process, human factors, accessibility, building codes, diagramming, spatial organization, detailing, presentation techniques, furnishings, finishes and lighting.

Term:

Offered Both Fall and Spring

• **ADI-S215 Human Factors & Universal Design**

Credits:

3.00

Description:

In this course, students will explore how physiological and psychological factors inform the design of space. Students participate in a series of design challenges that explore topics such as anthropometrics, ergonomics, and proxemics. The seven principles of universal design will be examined through a sequence of charrette exercises. Students will solicit input from User-Experts and employ a more inclusive design process to develop equitable design solutions. In doing so, culture, gender, age, and physical ability will be identified as catalysts for creativity and innovation.

- **ADI-S264 Advanced Interior Design Communication**

Prerequisites:

Take ADI-S106 and ADI-S110 (Required) Take ADF-S101 (Recommended)

Credits:

3.00

Description:

As a continuation of the Interior Design Communication course, students will develop proficiency in communicating aspects of the design process. These process skills include digital wireframe modeling and manual drawings enhanced by digital tools. Students will employ three-dimensional rendering software to enhance perspectives and create walk-through visualizations of their digital models. Movie editing software will be used to create multimedia presentations and students will learn to employ a variety of media formats for presenting their work.

Term:

Offered Both Fall and Spring

- **ADI-S303 Contract Design Studio I**

Prerequisites:

ADF S102, ADI S201, ADI 242, ADI 244, ADI S264

Credits:

3.00

Description:

This commercial design studio focuses on the design of work environments. Students will develop programming and space planning skills unique to these environments through a series of small- to medium-sized projects. Emphasis will be placed on commercial precedents, programming, design process, human factors, building codes, ADA, spatial organization, detailing, presentation techniques, office furniture systems, equipment, finishes, and lighting.

Term:

Offered Both Fall and Spring

- **ADI-S304 Furniture and Detailing Studio**

Prerequisites:

ADI S201, ADI S264

Credits:

3.00

Description:

This course introduces students to the design process as it applies to furniture, addressing furniture ergonomics, materials, construction techniques, manufacturing and design. Students will research selected topics, and design seating, work/service pieces and cabinetry. Emphasis will be placed on furniture precedents, research, design process, human factors, accessibility, detailing, documentation and presentation techniques.

Term:

Offered Both Fall and Spring

- **ADI-S305 Contract Design Studio II**

Prerequisites:

ADI S202, ADI 221, ADI S110

Credits:

3.00

Description:

This studio focuses on adaptive re-use and renovation of commercial interiors with attention given to historical buildings in the Boston area. Emphasis on creative problem-solving methods and a philosophical approach to medium- and large-scale hospitality and retail design projects. Students will be required to incorporate the skills and knowledge gained throughout their studies to create a comprehensive project, including presentation drawings, models, material and furniture boards, and a set of construction documents and specifications.

Term:

Offered Fall Term

- **ADI-S366 Environmental Graphic Design**

Prerequisites:

ADI S372

Credits:

3.00

Description:

A cross-disciplinary course bringing together interior design students and graphic design students at the senior BFA level to collaborate on problem-solving in the visual and built environments. In the studio, students will be exposed to design issues and problems, both experiential and graphic. Students will be working in teams bringing new insight to solutions for a variety of client/project types. Field trips to fabricators, professional firms and EGD sites will be included. This is a survey class designed to introduce students to ways of producing three-dimensional graphic design projects within the built environment.

Term:

Offered Fall Term

- **ADI-S372 Construction Documents**

Prerequisites:

ADI S110 AND ADI S201

Credits:

3.00

Description:

Building on the curriculum of Orthogonal Drawing, this course will explore in more detail the features of CAD and BIM software. Programs will be used as tools to draft, organize, and produce a set of construction documents. Students will complete a full set of contract documents.

Term:

Offered Both Fall and Spring

• ADI-S401 Senior Studio

Prerequisites:

ADI S201, ADI S202, ADI S303, ADI S304, ADI S305, ADI S372 AND ADI 398

Credits:

3.00

Description:

This studio course completes the undergraduate studio sequence in Interior Design. This final design studio emphasizes individual competence with respect to the total design process. Students will utilize the research and programming document produced in ADI 398, Senior Programming & Pre-Design, to develop a comprehensive design solution for their individual studio problem through schematics, design development, presentation drawings and specifications.

Term:

Offered Spring Term

• ADI-S500 Interior Design Directed Studio

Credits:

1.00- 6.00

Description:

The student completes a directed study project, either studio (ADI S500) or non-studio (ADI 500), under the supervision of an interior design faculty member. Please see Directed Study elsewhere in this catalog for details. All independent study projects must be approved by the individual faculty member, the Interior Design Program Director and the NESADSU Chairman. Available each semester.



2017-2018 Archived Catalog Information

International Economics

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International Economics is offered as both the BS and BA.

Major Requirements for BS in International Economics: 11 courses, 36 credits

Students who wish to acquire a strong background in economics should choose the BS, which emphasizes economic decision making within a global environment.

Core Requirements (10 courses, 32 credits)

- **CAS-201 College to Career: Explore Your Options And Find Your Path**

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

- **EC-101 Applied Microeconomics**

Prerequisites:

Non CAS majors need to have completed at least 15 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

- **EC-102 Global Macroeconomics**

Prerequisites:

Non-CAS majors need to have completed at least 15 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of

government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

- **EC-430 International Trade Theory & Policy**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines theories of international trade. The policy implications of each theory are explored and the effect of trade on the welfare of the nation is examined. Also the development of trade blocs and the the political economy of trade are studied. Normally offered every year.

- **EC-442 International Monetary Economics**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The balance of payments and foreign exchange markets and instruments, and the determination of exchange rates. Balance-of-payments adjustments under alternative exchange-rate systems, international liquidity, international economics policy and open economy macroeconomics.

- **EC-450 Applied Econometrics**

Prerequisites:

STATS-250 or STATS-240 or MATH-255 or permission of instructor

Credits:

4.00

Description:

This course begins with a brief review of statistical methods, including probability theory, estimation, and hypothesis testing. This background is used in the construction, estimation, and testing of econometric models. The consequences of a misspecified model, where the assumptions of a classical regression model are violated, are studied and the appropriate remedial measures are suggested. Other topics include dummy variables, binary choice models, and autoregressive models. Emphasis is on applied aspects of econometric modeling. There is extensive use of statistical software for data analyses. Normally offered every year.

- **EC-511 Professional Development in Economics**

Prerequisites:

CAS-201 and at least 54 credits

Credits:

1.00

Description:

This one-credit course is designed to explore career opportunities in economics in depth. Classroom discussions, writing assignments, and site visits will help prepare students to identify and secure internship and post-graduate employment opportunities. Additional career paths, such as pursuing graduate studies in economics or related fields, and the application process, will also be addressed. The goal of this course is to help students reach their fullest professional potential following graduation.

Choose one of the following Economics courses:

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Asian Studies

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of

world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

Choose one of the following Economics courses:

- **EC-311 Intermediate Micro Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

Theory of consumer behavior and demand. Theory of production and costs of production. Theory of the firm, and price and output decisions in different market structures, i.e., under perfect competition, monopoly, monopolistic competition and oligopoly. Decisions relating to pricing and employment of various inputs (labor and capital) under perfectly competitive, and less than perfectly competitive, resource markets. Required of all majors in Economics. Normally offered every semester.

- **EC-312 Intermediate Macro Theory**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course covers the neoclassical and Keynesian models of aggregate economic activity. Coverage of the measurement of economic variables, such as aggregate income, the inflation rate, and the unemployment rate. Examines the behavior of the economy under conditions of price flexibility in

the long run and price rigidity in the short run under rational and adaptive expectations. Analysis of the effect of changes in taxes and government expenditures, monetary policy and deficits on the economy. Coverage of the sources of economic growth. Required of all majors in Economics. Normally offered every semester.

Major Requirements for BA in International Economics: 13 courses, 44 credits

Students who wish to acquire a broad liberal arts preparation with a strong emphasis on languages and cultures should choose the BA. Students choosing the BA take five courses in French or Spanish. Those who enter the program with considerable foreign language experience will be required to take alternative courses as determined by advisor.

Core Requirements (8 courses, 24 credits)

- **CAS-201 College to Career: Explore Your Options And Find Your Path**

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

- **EC-101 Applied Microeconomics**

Prerequisites:

Non CAS majors need to have completed at least 15 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

- **EC-102 Global Macroeconomics**

Prerequisites:

Non-CAS majors need to have completed at least 15 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

- **EC-430 International Trade Theory & Policy**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines theories of international trade. The policy implications of each theory are explored and the effect of trade on the welfare of the nation is examined. Also the development of trade blocs and the the political economy of trade are studied. Normally offered every year.

- **EC-442 International Monetary Economics**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The balance of payments and foreign exchange markets and instruments, and the determination of exchange rates. Balance-of-payments adjustments under alternative exchange-rate systems, international liquidity, international economics policy and open economy macroeconomics.

- **EC-511 Professional Development in Economics**

Prerequisites:

CAS-201 and at least 54 credits

Credits:

1.00

Description:

This one-credit course is designed to explore career opportunities in economics in depth. Classroom discussions, writing assignments, and site visits will help prepare students to identify and secure internship and post-graduate employment opportunities. Additional career paths, such as pursuing graduate studies in economics or related fields, and the application process, will also be addressed. The goal of this course is to help students reach their fullest professional potential following graduation.

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

Choose one of the following Economics courses:

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Asian Studies

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

World Language Requirement (5 courses, 20 credits)

Choose five courses in French or Spanish

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Omicron Delta Epsilon

Membership in Omicron Delta Epsilon, the international honor society in economics, is open to juniors and seniors who have a grade point average of “B” or higher in at least four economics courses and who have maintained an overall grade point average of “B” or higher. Members receive a certificate recognizing their scholastic achievement and have the opportunity to enter an economics essay contest.

Suffolk Economic Association

Membership in the Suffolk Economic Association is open to all members of the university community. The association sponsors lectures and seminars on economic issues and on careers in Economics.



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- EC-101 Applied Microeconomics

Prerequisites:

Non CAS majors need to have completed at least 15 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

- EC-H101 Honors Principles of Microeconomics

Prerequisites:

Honors Section Only : GPA of 3.3 or higher required.

Credits:

3.00

Description:

Introduction to the organization and operation of a market economy with a focus on how it allocates scarce resources; the analysis of consumer demand and profit maximizing behavior of business; examination of pricing and output decisions under conditions of competition, monopoly and imperfect competition. Analysis of markets for labor and capital. Policy issues include price ceilings and floors, competition and monopoly. Normally offered every semester.

Type:

Honors

• EC-102 Global Macroeconomics

Prerequisites:

Non-CAS majors need to have completed at least 15 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

• EC-H102 Honors Global Macroeconomics

Prerequisites:

GPA of 3.3 or higher

Credits:

3.00

Description:

The measurement of economic growth; introduction to the theory of determination of national income and the price level; unemployment and inflation; theories on economic growth and the role of labor and capital in economic growth; functioning and impact of the monetary system; analysis of monetary and fiscal policies for economic stabilization; international transactions and their influence on the domestic economy. Prerequisites: GPA of 3.2 or higher. Normally offered every year.

Type:

Honors

- **EC-131 Environmental Economics**

Credits:

4.00

Description:

Identifies the environmental effects of economic activity, including polluted water and air, noise, and radiation, and values their costs and benefits. Analyzes mechanisms, including taxes and permits, for achieving a socially preferable level of pollution. Traces role played by institutions, including common ownership, in affecting environmental decay. Resource depletion (of oil, forests, and fisheries) and appropriate policy responses.

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors

(government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Asian Studies

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

- **EC-311 Intermediate Micro Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

Theory of consumer behavior and demand. Theory of production and costs of production. Theory of the firm, and price and output decisions in different market structures, i.e., under perfect competition, monopoly, monopolistic competition and oligopoly. Decisions relating to pricing and

employment of various inputs (labor and capital) under perfectly competitive, and less than perfectly competitive, resource markets. Required of all majors in Economics. Normally offered every semester.

- **EC-312 Intermediate Macro Theory**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course covers the neoclassical and Keynesian models of aggregate economic activity. Coverage of the measurement of economic variables, such as aggregate income, the inflation rate, and the unemployment rate. Examines the behavior of the economy under conditions of price flexibility in the long run and price rigidity in the short run under rational and adaptive expectations. Analysis of the effect of changes in taxes and government expenditures, monetary policy and deficits on the economy. Coverage of the sources of economic growth. Required of all majors in Economics. Normally offered every semester.

- **EC-410 Urban Economics: Asian Megacities in Comparative Perspective**

Prerequisites:

Take EC-101

Credits:

4.00

Description:

More than half of the world population lives in urban areas. This course sets out to explain the existence, growth, geographic patterns, and impact of cities, and the effects of public policy on urban form, structure, and activity. It addresses the urban issues of transportation, congestion, housing, crime, poverty and inequality, governance, and the environment, and asks how planning and policy can tackle these. The context of these discussions is the megacities of Asia: 24 of the world's 37 megacities (those with ten million or more inhabitants) are in Asia, where they are home to almost 500 million people. The choices made by these cities will be considered in comparative perspective, including with Boston, New York, Paris, and London.

- **EC-420 Special Topics in Economics**

Credits:

4.00

Description:

Special Topics course. Topic varies semester to semester.

- **EC-421 Public Finance**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The theory of tax policy and tax structure. The effects on economic behavior (including labor supply, saving, risk-taking and investment, charitable giving, and growth) of different taxes (income, sales, value-added, inheritance, wealth, property). Tax equity, efficiency and incidence, in the United States and in comparative perspective. Additional topics include modeling state taxes; social security and pensions; and tax compensation. Normally offered yearly.

- **EC-423 Economics of Regulation**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines regulation and analyzes the structure, conduct, and performance of American industry. Monopoly and strategic behavior in oligopoly and monopolistic competition are considered. U.S. antitrust law and the effect of regulatory laws on industrial performance are explored. Regulatory practices, rate setting, deregulation, public-enterprise pricing, and issues in privatization are examined, with an emphasis on case studies and policy analysis. Normally offered every other year.

- **EC-430 International Trade Theory & Policy**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines theories of international trade. The policy implications of each theory are explored and the effect of trade on the welfare of the nation is examined. Also the development of trade blocs and the the political economy of trade are studied. Normally offered every year.

- **EC-431 History of Economic Thought**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

Presents the leading contemporary schools of economic thought as the outcome of theoretical and philosophical controversies that began with the ancient Greeks and that continue today. The course covers the major contributors to economic thought, including Aristotle, Aquinas, the mercantilists, and the contributors to the 18th-century enlightenment, notably Adam Smith and David Hume. Going forward, it considers Marx, the neoclassical school of Jevons, Menger and Walras and the Keynesian school, along with some of the more modern schools such as behaviorism, institutionalism and cognitive economics. The contributions of the economists and philosophers studied in the course are considered in context of the times in which they wrote and lived. Students will acquire a grasp of the principal tenets of contemporary economic theory as well as an understanding of the historical origins of the disputes that still divide economists on major theoretical and philosophic issues.

- **EC-432 Managerial Economics**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

Managerial economics applies microeconomic and quantitative analysis to the formulation of rational managerial decisions. These tools shape decisions about output and pricing, about the choice of product quality, the type of production process used, the mix of inputs employed, the suitability of mergers and acquisitions, the management of risk, and the design of incentives in a world of imperfect information. This course explains the tools of managerial economics, puts them into context using numerous case studies, and applies them to significant real business situations.

- **EC-433 Public Choice**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course considers the degree to which it is possible to explain, predict, and guide political decision through the application of economic analysis. The course is organized around two competing visions of public choice: (1) a traditional organic approach that sees the core problem for public choice as requiring the maximization of social welfare and (2) a newer contractual approach that sees that problem as requiring attention to the institutional framework within which political decisions are made. Topics to be considered include the Arrow paradox and other problems in aggregating individual choices, rent-seeking, the Leviathan hypothesis, and non- market demand-revealing methods.

- **EC-435 Economics of Energy and Natural Resources**

Prerequisites:

Take EC-101;

Credits:

4.00

Description:

This course applies economic analysis to identify the origins, consequences, and policy implications of problems related to renewable and non-renewable natural resources, with particular attention to energy. Resources considered include forests, fisheries, water, minerals, and land. Energy resources covered include oil, gas, coal, nuclear, and alternatives (wind, solar, biomass, hydrogen, etc.), as well as electricity. Concepts examined include externalities, learning-by-doing, peak-load pricing, regulation, sustainability, cost-benefit analysis, and the commons problem.

- **EC-440 International Financial Economics**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course is a combination of International Finance and Corporate Finance and designed to give students a strong foundation in the theory and practice of multinational financial management. Course materials include (a) basics of corporate finance and capital asset pricing, (b) foreign currency futures, (c) derivative securities in foreign exchange markets such as currency futures, options, swaps, (d) exchange risk management for multinational corporations, (e) global capital markets and financial crisis.

- **EC-441 Analysis of Global Economics and Financial Data**

Prerequisites:

Take EC-101 and EC-102, and take STATS-240 or STATS-250; Junior standing or higher

Credits:

4.00

Description:

This course focuses on the use and interpretation of real world economic and financial data. Emphasis is on hands-on experience of retrieving data from various databases and applications of statistical methods for analytical purposes. Main topics include the behavior of developed and emerging equity markets, the analysis of foreign exchange rate movements, sovereign risk, foreign capital flows, the characteristics of foreign direct investment by multinational companies, and international trade patterns. The course trains students to further communication skills by requiring presentations of the data analysis and writing reports on various global economic and financial topics.

- **EC-442 International Monetary Economics**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The balance of payments and foreign exchange markets and instruments, and the determination of exchange rates. Balance-of-payments adjustments under alternative exchange-rate systems, international liquidity, international economics policy and open economy macroeconomics.

- **EC-445 The Economics of the European Union**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

An economic analysis of the European Union, the history of European monetary and economic integration. and the creation of the Euro. A survey of the development and evolution of key European policies, such competition, industry, agriculture, environment, regional, etc. A discussion of economic implications of the enlargement of the European Union, as well as its trade relations with the U.S. and other countries within the context of the World Trade Organization.

- **EC-450 Applied Econometrics**

Prerequisites:

STATS-250 or STATS-240 or MATH-255 or permission of instructor

Credits:

4.00

Description:

This course begins with a brief review of statistical methods, including probability theory, estimation, and hypothesis testing. This background is used in the construction, estimation, and testing of econometric models. The consequences of a misspecified model, where the assumptions of a classical regression model are violated, are studied and the appropriate remedial measures are suggested. Other topics include dummy variables, binary choice models, and autoregressive models. Emphasis is on applied aspects of econometric modeling. There is extensive use of statistical software for data analyses. Normally offered every year.

• EC-460 Game Theory

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course introduces students to the foundations of game theory using applications from economics and everyday decision-making. The course examines the common strategic elements of interactions between consumers and producers, governments and citizens, politicians and their constituencies, countries and their trading partners, and various other participants in social relationships. The course provides a theoretical framework for modeling strategic interaction, beginning with the development of the concept of a Nash equilibrium, reputation, signaling, collective-action problems, and voting procedures and strategies. Normally offered every other year.

• EC-483 Money, Banking & Financial Markets

Prerequisites:

EC 101, EC 102

Credits:

4.00

Description:

This course examines the role of depository institutions and the Federal Reserve system in determining the supply of money. The course also explains the financial environment and the role of monetary policy decisions on changes in price, interest rates, money, and economic activity. The course provides the student with both theoretical and applied analysis. Prerequisites: EC 101, EC 102.

- **EC-490 Senior Seminar in Economics**

Prerequisites:

EC-450 or STATS-350 and Senior Standing; Or permission of Undergraduate Director.

Credits:

4.00

Description:

This is a required course for all students majoring in economics, to be taken in the spring semester of their senior year. Students are required to develop an economic thesis project in consultation with the professor for the course and to present it to the class.

- **EC-503 Internship in Economics**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Approximately 12 hours per week working in a position designed to give the student responsibility and a learning opportunity in economics. Interested students should consult the instructor in advance.

- **EC-504 Economic Competitiveness: Theory and Practice**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

This course examines the concept of economic competitiveness among nations and states and its usefulness to policymakers seeking to improve economic conditions. The emphasis will be on state-based economic competitiveness. We will read the current literature on economic growth and competitiveness and explore the current controversy surrounding the shortcomings of business climate indices. Special attention will be given to Beacon Hill Institute's index which attempts to identify the states with the sets of policies that sustain long-term economic growth and sustainable high incomes for citizens. The student will apply a stress test to the BHI index identifying its strengths and weaknesses. To learn how the index is used by professionals, the student will also compare the index against similar measures and interview at least two practitioners on how their states apply the index. The student will meet regularly with her advisor and submit a research paper and a professional memorandum advising BHI on how best to improve the index.

- **EC-510 EC Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 5.00

Description:

Independent study in economics

- **EC-511 Professional Development in Economics**

Prerequisites:

CAS-201 and at least 54 credits

Credits:

1.00

Description:

This one-credit course is designed to explore career opportunities in economics in depth. Classroom discussions, writing assignments, and site visits will help prepare students to identify and secure internship and post-graduate employment opportunities. Additional career paths, such as pursuing graduate studies in economics or related fields, and the application process, will also be addressed. The goal of this course is to help students reach their fullest professional potential following graduation.

• STATS-250 Applied Statistics

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

• STATS-H250 Honors Applied Statistics

Prerequisites:

MATH-128, MATH 130, 134, 146, 164 or 165 and Honors Course; GPA of 3.3 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analyses. The use of computers is emphasized throughout the course. Prerequisite: MATH 130, MATH 134, MATH 146, or MATH 165 Honors Course GPA of 3.2 or higher required. 1 term - 4 credits Normally offered every year.

Type:

Honors

• STATS-350 Applied Statistical Methods

Prerequisites:

STATS 250

Credits:

4.00

Description:

This application-oriented course is designed to go beyond the topics covered in STATS 250. It includes topics like Analysis of Variance (ANOVA), special topics in regression analysis and index numbers. Further, time series data, which consist of values corresponding to different time intervals, are analyzed. The objective is to examine past time series values to forecast, or predict future values. Seasonal variations are also incorporated in the forecasts. The course will provide useful computer skills involving various statistical packages and is an excellent preparation for graduate work in business and social sciences.



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- FR-101 Elementary French I

Credits:

4.00

Description:

Develops reading, writing, speaking, and listening skills. Explores audio-visual and textual materials based on French and Francophone cultural themes.

Term:

Offered Fall Term

- FR-102 Elementary French II

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

Continues to develop reading, writing, speaking, and listening skills. Explores audio-visual and textual materials based on French and Francophone cultural themes.

Term:

Offered Spring Term

Type:

Modern Language

- **FR-201 Intermediate French I**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

Reviews grammar, practice speaking, and continues to explore authentic cultural and literary texts in this writing-intensive course. Examines short readings, films, and print media.

Term:

Offered Fall Term

Type:

Modern Language

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continues to review grammar, practice speaking, and explore authentic cultural and literary texts in this writing-intensive course. Examines short readings, films, and print media.

Term:

Offered Spring Term

Type:

Modern Language

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

Explores the francophone world through the study of short stories, print media, and film, by engaging with the rich textured and diverse francophone literary canon. Teaches advance notions of French grammar, write compositions, and the art of conversation related to cultural themes.

Term:

Alternates Fall & Spring

- **FR-206 Composition, Conversation and Professional Development**

Prerequisites:

FR-202

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

- **FR-214 Marie Antoinette, Fashion Revolutionary**

Credits:

4.00

Description:

Explores the French Enlightenment and its culture leading up to the French revolution through a focus on one significant figure: Marie-Antoinette. Examines the relationship of female image and the body politic of eighteenth-century France. Considers the legacy of Marie-Antoinette as martyr and fetish object in the nineteenth and twentieth centuries, and focuses on her continuing relevance today. Topics include: women and power; fashion and self-representation; motherhood and domesticity; and revolution and gender iconography. All work in French.

Term:

Occasional

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

Masterpieces of French and Francophone Literature in English Translation. Studies works translated into English by major authors from the Middle Ages to the present. Explores drama, fiction, and poetry from many regions of the world: Africa, Western Europe, North America, the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Studies in Literature

• **FR-220 French & Francophone Cinema**

Credits:

4.00

Description:

Discusses and deepens understanding of French and Francophone cinema from its origins in the late nineteenth century to the early twenty-first century. Explores early works from France, by the Lumiere Brothers and Georges Melies as well as contemporary films from France, Algeria, Burkina Faso, Canada, Haiti, and Senegal.

Term:

Occasional

• **FR-306 Composition, Conversation and Advanced Grammar**

Prerequisites:

FR-202;

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

- **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

Analyzes and discusses canonical works of French literature from medieval times to the eighteenth century.

Term:

Offered Fall Term

Type:

Studies in Literature

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

Study, analyze and discuss canonical works of French-language literature from the nineteenth through the twenty-first centuries, as they relate to important events in the art, culture, and history of the Francophone world.

Term:

Offered Spring Term

Type:

Studies in Literature

- **FR-313 Island Fictions Identity**

Credits:

4.00

Description:

This class will explore the rich literary tradition of three Caribbean island-nations: Guadeloupe, Haiti, and Martinique. Class discussion will focus on a wide range of topics including: the different uses of Creole and French; the Negritude, Spiralisme, Antillanite and Creolite movements; the relationship between Africa and the African diaspora; gender and sexuality in the Caribbean; and postcolonial memory and post-colonial history as reflected in the work of prize-winning Caribbean women writers from the twentieth and twenty-first centuries. Normally offered alternate years. The class is taught in English, and is cross-listed with the Black Studies Program as well as the Women's and Gender Studies Program.

- **FR-314 Marie Antoinette, Fashion Revolutionary**

Credits:

4.00

Description:

Explores the French Enlightenment and its culture leading up to the French revolution through a focus on one significant figure: Marie-Antoinette. Examines the relationship of female image and the body politic of eighteenth-century France. Considers the legacy of Marie-Antoinette as martyr and

fetish object in the nineteenth and twentieth centuries, and focuses on her continuing relevance today. Topics include: women and power; fashion and self-representation; motherhood and domesticity; and revolution and gender iconography. All work in French.

Term:

Occasional

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

Explores the theme of love and its manifestation in representative works while being aware of the evolution of French Literature. Addresses various thematics that accompany a traditional survey of literature course such as critical discourse, aesthetic representation, literary movements, genre, construction of sexual identities, sexual politics as well as representations of ethnicity, class, and culture.

Term:

Occasional

Type:

Studies in Literature

- **FR-316 Masterpieces of Theatre**

Prerequisites:

Take FR-205 and FR-305 or instructor's consent

Credits:

4.00

Description:

Studies the major plays written in French from the seventeenth through the twenty-first centuries, with a focus on the socio-historical contexts in which the plays emerged. Analyzes and produces scenes from the plays, and reads and performs select scenes at the end of the semester. Explores authors such as Anouilh, Beckett, Césaire, Genet, Ionesco, Marivaux, Molière, Pagnol, Racine, Reza, Sartre, and Schwarz-Bart.

• FR-318 Face in the Mirror: Writing & Reflecting the Self in French

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

Examines literature in the French language focusing on memoir, essay, and autobiography. Read authors such as Montaigne, Rousseau, Lamartine, Colette, Duras, Beauvoir, Le Clézio, Chamoiseau, Djébar, Conde, Ernaux, Genet, and Satrapi. Develops an appreciation of the differences between autobiography and autofiction. Explores the question of truth and the fallibility of memory.

Type:

Studies in Literature

• FR-320 French & Francophone Cinema

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumière brothers and George Méliès, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

- **FR-401 Special Topics in French and Francophone Studies**

Prerequisites:

FR-202

Credits:

4.00

Description:

Examines a range of topics in French and Francophone studies. Provides individualized guidance and promotes advanced-level research in the special topic area.

Term:

Occasional

- **FR-402 Internship in French-Speaking Workplace**

Prerequisites:

FR-101 and FR-102 and permission of instructor

Credits:

1.00- 4.00

Description:

Designed to enable students to work in a local organization in which the French language and/or Francophone culture is a focus. Libraries, cultural centers, embassies, restaurants and bakeries are some places where this independent study course will carry variable credit, depending on the number of hours devoted to the internship and the related academic work done by the student. Interested students should consult the instructor as they are applying for internships.

- **FR-410 Contemporary France**

Credits:

4.00

Description:

Studies a specific theme related to art, culture, history, literature and politics from the end of World War II to the present day.

Term:

Occasional

- **FR-422 Sejour Linguistique au CCFS-Sorbonne**

Prerequisites:

FR 201 and FR 202 or Instructor's Consent. Can take course for 1 term for 16 credits or 2 terms for 32 credits.

Credits:

4.00-16.00

Description:

Provides an immersion program in Vichy, France through a partnership with CCFS-Sorbonne, l'Universite de Paris IV. Students are housed with families, participate in excursions and take classes that are conducted entirely in French.

Term:

Offered Both Fall and Spring

- **FR-502 Honors Senior Thesis in French**

Prerequisites:

Senior Standing and permission of Dept. Chair.

Credits:

4.00

Description:

Undertakes a major research project completed under the supervision of a regular faculty member offered every fall semester.

Term:

Offered Fall Term

- **FR-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Pursues advanced studies in an area of particular interest under the supervision of a faculty member.

Term:

Occasional



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- SPAN-101 Elementary Spanish I

Credits:

4.00

Description:

Practice in both oral and written language skills. Class activities are organized around cultural themes that reflect the diversity of the Hispanic world and its interconnectedness with the rest of the world. Weekly laboratory sessions required.

Term:

Offered Fall Term

- SPAN-102 Elementary Spanish II

Prerequisites:

SPAN 101 or Instructor's consent

Credits:

4.00

Description:

Continues skills development from 101. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

Modern Language

- **SPAN-201 Intermediate Spanish I**

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

Reviews Spanish grammar and examines Spanish through authentic materials of cultural interest. Students develop written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

Modern Language

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

Modern Language

- **SPAN-H202 Honors Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

A continuation of skills development from 201. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

- **SPAN-203 Intensive Intermediate Spanish**

Prerequisites:

SPAN 201 or or Instructor's consent

Credits:

4.00

Description:

A writing and reading intensive course for students who are thinking about minoring and possibly majoring in Spanish. There will be a brief review of grammar, but the primary materials will come from the textbook, LAZOS, with ancillary materials from the print media and audio-visual sources. A weekly tertulia will be required instead of language lab.

Term:

Alternates Fall & Spring

- **SPAN-205 Intensive Intermediate Spanish**

Prerequisites:

SPAN 201 or or Instructor's consent

Credits:

4.00

Description:

A writing and reading intensive course for students who are thinking about minoring and possibly majoring in Spanish. There will be a brief review of grammar, but the primary materials will come from the textbook, LAZOS, with ancillary materials from the print media and audio-visual sources. A weekly tertulia will be required instead of language lab.

Term:

Alternates Fall & Spring

- **SPAN-210 Spanish in the Workplace**

Credits:

4.00

Description:

This course is designed for students who have successfully completed Spanish (201) at Suffolk or its equivalent elsewhere. Through a systematic review of grammar, a diversity of readings, and oral as well as written work, students will increase their lexical and grammatical knowledge of Spanish language specific to the workplace in order to communicate more easily and comfortably. Students will also be better prepared to deal with the specific themes related to business introduced in the course. (This course is not for Spanish minors or majors, but may be taken as a free elective.)

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

Modern Language

- **SPAN-295 Spanish in the Workplace**

Credits:

4.00

Description:

This course is designed for students who have successfully completed Spanish (201) at Suffolk or its equivalent elsewhere. Through a systematic review of grammar, a diversity of readings, and oral as well as written work, students will increase their lexical and grammatical knowledge of Spanish language specific to the workplace in order to communicate more easily and comfortably. Students will also be better prepared to deal with the specific themes related to business introduced in the course. (This course is not for Spanish minors or majors, but may be taken as a free elective.)

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

• SPAN-302 Indigenous and Colonial Latin America

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

• SPAN-303 Modern and Contemporary Latin America

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

- **SPAN-305 Living in Translation**

Prerequisites:

SPAN 250, 290, or 300 or Instructor's consent.

Credits:

4.00

Description:

Examines the process and theory of translation. Materials are drawn from the literary world, the mass media (i.e. advertising, marketing, news, entertainment), and professional sources. Students gain further insights about the linguistic, cultural, and ethical dimensions of the field. Additional grammar review provided as needed.

Term:

Occasional

- **SPAN-315 Spanish for the Professions**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

Integrates language learning with culture via business context of the Hispanic world. Spanish for banking and finance, marketing and advertising, and international commerce are highlighted. Students increase their cross-cultural understanding and written and oral proficiency in business Spanish through a wide range of assignments.

Type:

Global Engagement Experience

- **SPAN-340 Hispanic Culture Today: Trans-Atlantic Perspective**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

An examination of key issues in Hispanic culture today through the study of literature, film, music and TV. The purpose of the course is twofold: To introduce the students to major themes in recent Hispanic society and culture and, to develop the necessary skills to read and analyze literary texts and other cultural forms. Topics to be discussed include dictatorship and democracy, women and representation, political and domestic violence, national identity, immigration, and mass culture. The selected materials will include texts by authors like Manuel Rivas, Mario Vargas Llosa, Carlos Fuentes, Cristina Peri Rossi, Rosa Montero, Carlos Monsivais, and Roberto Bolano among others. (Madrid campus only)

- **SPAN-350 Spanish Cultural Studies**

Credits:

4.00

Description:

This is an interdisciplinary course that will examine the historical and socio-economic causes of contemporary Spanish culture. Material will be drawn from a variety of sources including: history, sociology, gender studies, literature and philosophy. Extensive reference will be made to the non-Western cultures which have made Spain what it is today. (Usually taught in English). (Madrid campus only)

- **SPAN-360 Madrid Cosmopolitan City**

Prerequisites:

SPAN-290 or SPAN-300 or Instructor's consent

Credits:

4.00

Description:

This course is designed to provide students with a basic knowledge of the city of Madrid in terms of its historical, cultural, and social development. Contemporary aspects of the city such as its rise to prominence amongst the capitals of Europe and the phenomenon of recent immigration patterns will also be discussed. All classes will be conducted in Spanish. Specific grammar points will be reviewed as needed. (Madrid campus only)

Type:

Global Engagement Experience

- **SPAN-365 Spanish Cities: An Ongoing Transformation**

Prerequisites:

Take SPAN-290; Taught in Spanish

Credits:

4.00

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

- **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

Explores the relationship between social history, cultural identity and artistic expression through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, mass culture and gender are among the topics examined. Readings include novel, short story, poetry and drama. Films and documentaries further illustrate the connections between society and text.

Term:

Occasional

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

- **SPAN-408 Latin American Cinema**

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

- **SPAN-410 Representation and Reality in Spanish Cinema**

Credits:

4.00

Description:

This course offers the students a panoramic view of the most representative Spanish films from the 1950's until today, with special emphasis on its social, political, artistic and cultural context. Films will be viewed in Spanish with English subtitles. Conducted in English, the course will be open to both non-majors in Spanish as well as to advanced-level Spanish majors and minors, with the latter carrying out their written work and individual meetings with the instructor in Spanish.

- **SPAN-416 Border Crossings/The Latino Experience In the Usa**

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, and *American*.

Term:

Occasional

- **SPAN-417 Changes in Social Values in Spain 1975 - 2005**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent. SPAN 350 is strongly recommended.

Credits:

4.00

Description:

In this course we will study the transition of Spain from dictatorship to democracy from an interdisciplinary perspective based mostly on the analysis of literary works, film, visual arts and music besides relevant theoretical articles by major Spanish and international intellectuals. Youth culture (sex, drugs and rock and roll), the feminist movement, nationalistic demands, and Spain's subsequent incorporation into the European Union will be highlighted. (Madrid campus only)

- **SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film**

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

- **SPAN-425 Literature and Art in Latin America**

Prerequisites:

Span 290 or Span 300; Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

Examines the dynamic relationships that exist between art (both visual and lyrical) and the written word. Through a juxtaposition of work by twentieth century authors from Latin America and the Caribbean and other artists who explore similar themes, students examine the multiple ways in which art and literature contribute to our understanding of life in Latin America and the Caribbean. Materials are drawn from the fields of music, photography, poetry, prose, theatre, and visual art.

Term:

Occasional

- **SPAN-427 U.S. Mexican Border in the New Millennium**

Prerequisites:

SPAN 290 or 300 or Instructor's consent

Credits:

4.00

Description:

Explores the literature, culture, and history of the United States-Mexico Border, and analyzes the profound changes that the gain/loss of territories created by the Treaty of Guadalupe Hidalgo caused for the citizens in the region. Emphasis is on contemporary border theatre and film. Students read works of Salcedo, Galindo, Mijares, Rascon Banda, among others, and examine contemporary films and documentaries such as *Senorita Extraviada*, *Victoria para Chino*, and *Crossing Arizona*.

Term:

Occasional

• SPAN-428 From Script to Performance: Contemporary Latin American Theatre

Prerequisites:

Span 290 or 300; Span 302 is strongly recommended

Credits:

4.00

Description:

Students examine the contemporary world of Latin American Theatre. A study of basic theatre concepts and methodology prepares students to perform in *Noche de teatro latinoamericano*, a public performance of three one-act plays from contemporary Latin American Playwrights. Publicity and set design are also part of the course framework.

Term:

Occasional

• SPAN-502 Honors Thesis

Prerequisites:

Senior standing & permission of the Dept. Chair

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Offered Fall Term

- **SPAN-510 Independent Study**

Prerequisites:

Instructor consent required.

Credits:

1.00- 4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

- **SPAN-I295 Spanish in the Workplace Internship**

Credits:

0.00

Description:

Internship in Madrid, Spain. At least 12 hours a week working for an organization. Designed to give students an international professional learning opportunity. It takes place concurrently with SPAN 295.



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- [Honors](#)
- [Courses](#)

Major Requirements: 12 courses, 48 credits

Core Requirements (9 courses, 36 credits)

Note: All students should take CJN-101 and CJN-105 during their first year.

- CJN-101 Introduction to Communication

Credits:

4.00

Description:

As an introduction to the communication discipline, this course examines the significance of communication to the symbolic construction of meaning. Students receive an overview of multiple forms of communication, including face-to-face, verbal/non-verbal, small group, intercultural, organizational, and mediated communication. The class devotes attention to the influence of culture on communication and to ethical complexities relating to communication.

Term:

Offered Both Fall and Spring

• CJNI-105 Principles of Oral Communication

Credits:

4.00

Description:

Oral communication skills have been rated as vital to today's professional world. Students will learn these skills focusing on the three principal types of oral communication (interpersonal, team and public address). Sample assignments include creating a webinar, interviewing and team presentation. Specific attention will be given to communicating in diverse contexts, in an online environment, and for a diverse audience.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• CJNI-112 Journalism I

Credits:

4.00

Description:

An introductory news writing course designed to teach both the writing style used by journalists and basic techniques used for gathering and presenting information for general publication. The course emphasizes fundamental writing and reporting skills such as interviews, finding sources,

and choosing essential facts. Students also introduced to feature news writing and are assigned to develop and write basic stories drawn from real-life situations.

Term:

Offered Both Fall and Spring

• CJN-212 Journalism II

Prerequisites:

CJN 112

Credits:

4.00

Description:

Modern reporting techniques are examined and applied to writing full-length news and feature news stories, with an emphasis on investigative journalism. The course includes an introduction to and an analysis of alternative or new journalism," combined with the survey of journalistic styles and standards as they evolved in the U.S. and international press over the last century.

Term:

Offered Both Fall and Spring

• CJN-239 Media Law

Credits:

4.00

Description:

Explores the legal rights, responsibilities, and constraints on the media and on media professionals. Focus on defamation, copyright, obscenity, broadcast regulation, and media-related tort law.

Term:

Offered Both Fall and Spring

- **CJN-253 Broadcast Journalism**

Prerequisites:

Take CJN-112;

Credits:

4.00

Description:

Introduces students to newswriting, production, and performance techniques for radio and television. Students write, produce, and perform new packages as part of the course.

Term:

Offered Both Fall and Spring

- **CJN-363 Online Journalism**

Prerequisites:

CJN-253

Credits:

4.00

Description:

The development and implementation of news stories for web media. Emphasis is on the narrative form in the integration of writing, video, sound, and photography in producing news content for the web.

Term:

Alternates Fall & Spring

- **CJN-403 Issues in Journalism**

Prerequisites:

CJN-112

Credits:

4.00

Description:

Each time this course is offered it examines a different issue in Journalism, such as social justice journalism, electronic journalism, ethics, political journalism, or international journalism.

Term:

Offered Fall Term

• **CJN-2355 Production I**

Prerequisites:

CJN-152

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

Concentration Requirements (3 courses, 12 credits)

Choose either the Broadcast Journalism Concentration or the Print/Web Journalism Concentration.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Concentration Requirements (3 courses, 12 credits)

Note: This concentration is open only to Journalism majors.

- **CJN-353 Broadcast Journalism II**

Prerequisites:

Take CJN-2355 (formerly CJN-355) and CJN-253

Credits:

4.00

Description:

Advanced work in newswriting, production, and performance techniques for television. Students report, write, and produce news packages, with emphasis on increasing the depth, breadth, and frequency of reporting. Work also includes gathering, organizing, and evaluating the newsworthiness of information, evaluating the credibility of sources, writing the story, and producing broadcast quality work. Cannot be taken concurrently with CJN 483.

Term:

Alternates Fall & Spring

Choose two of the following:

- **CJN-361 Television News Producing**

Prerequisites:

CJN-2355 (formerly CJN-355) and CJN-253

Credits:

4.00

Description:

Students produce news segments, series, and/or specials leading to broadcast quality products. Emphasis is on the pacing, timing, and flow of newscasts, as well as pre-production, tease(script and on-camera) and the issues of an audience and professional ethics. Cannot be taken concurrently with CJN 483

Term:

Alternates Fall & Spring

- **CJN-483 Suffolk TV News**

Prerequisites:

CJN-253 and CJN-2355(formerly CJN-355) and CJN-353 or CJN-361 or instructor's consent

Credits:

4.00

Description:

Students write, direct, crew, edit, and serve as talent in producing the CJN Department's weekly news program aired on Boston Cable Access. Cannot be taken concurrently with CJN 361 or CJN 353.

Term:

Offered Spring Term

• **CJN-490 Temple Street Project**

Prerequisites:

CJN-253 and CJN-2355(formerly CJN-355)

Credits:

4.00

Description:

Students write, direct, crew, edit, and serve as talent in producing the CJN Department's magazine- format television program aired on the department's Youtube channel.

Term:

Offered Fall Term

• **CJN-505 Communication and Journalism Practicum**

Prerequisites:

12 hours of CJN coursework and CJN advisor consent

Credits:

1.00-12.00

Description:

Practicum and internship projects are available prior to the start of each semester. Prerequisites: Journalism majors with a minimum of 12 credits of coursework or permission of the Department Chairperson. 1-3 terms : 1-12 credits.

Term:

Offered Both Fall and Spring



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Concentration Requirements (3 courses, 12 credits)

Note: This concentration is open only to Journalism majors.

- CJN-443 Advanced Reporting and Feature Writing

Prerequisites:

Senior status or instructor consent

Credits:

4.00

Description:

Principles and techniques of advanced news, features, and investigative reporting are studied and applied, with a focus on enterprise reporting. Students develop, organize and write detailed news and news-feature stories based on original research.

Term:

Offered Fall Term

Choose two of the following:

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

- **CJN-317 Copy Editing**

Prerequisites:

CJN 112 or CJN 113

Credits:

4.00

Description:

A study of the fundamentals of copy editing, newspaper typography, and makeup.

Term:

Offered Fall Term

- **CJN-415 Review Writing**

Credits:

4.00

Description:

Analysis and critique of movies, theater, music, art, and food.

Term:

Offered Both Fall and Spring

- **CJN-505 Communication and Journalism Practicum**

Prerequisites:

12 hours of CJN coursework and CJN advisor consent

Credits:

1.00-12.00

Description:

Practicum and internship projects are available prior to the start of each semester. Prerequisites: Journalism majors with a minimum of 12 credits of coursework or permission of the Department Chairperson. 1-3 terms : 1-12 credits.

Term:

Offered Both Fall and Spring



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Minor Requirements: 5 courses, 20 credits

- CJN-112 Journalism I

Credits:

4.00

Description:

An introductory news writing course designed to teach both the writing style used by journalists and basic techniques used for gathering and presenting information for general publication. The course emphasizes fundamental writing and reporting skills such as interviews, finding sources, and choosing essential facts. Students also introduced to feature news writing and are assigned to develop and write basic stories drawn from real-life situations.

Term:

Offered Both Fall and Spring

- **CJN-212 Journalism II**

Prerequisites:

CJN 112

Credits:

4.00

Description:

Modern reporting techniques are examined and applied to writing full-length news and feature news stories, with an emphasis on investigative journalism. The course includes an introduction to and an analysis of alternative or new journalism," combined with the survey of journalistic styles and standards as they evolved in the U.S. and international press over the last century.

Term:

Offered Both Fall and Spring

- **CJN-403 Issues in Journalism**

Prerequisites:

CJN-112

Credits:

4.00

Description:

Each time this course is offered it examines a different issue in Journalism, such as social justice journalism, electronic journalism, ethics, political journalism, or international journalism.

Term:

Offered Fall Term

Choose two of the following:

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

- **CJN-253 Broadcast Journalism**

Prerequisites:

Take CJN-112;

Credits:

4.00

Description:

Introduces students to newswriting, production, and performance techniques for radio and television. Students write, produce, and perform new packages as part of the course.

Term:

Offered Both Fall and Spring

- **CJN-317 Copy Editing**

Prerequisites:

CJN 112 or CJN 113

Credits:

4.00

Description:

A study of the fundamentals of copy editing, newspaper typography, and makeup.

Term:

Offered Fall Term

- **CJN-415 Review Writing**

Credits:

4.00

Description:

Analysis and critique of movies, theater, music, art, and food.

Term:

Offered Both Fall and Spring

- **CJN-443 Advanced Reporting and Feature Writing**

Prerequisites:

Senior status or instructor consent

Credits:

4.00

Description:

Principles and techniques of advanced news, features, and investigative reporting are studied and applied, with a focus on enterprise reporting. Students develop, organize and write detailed news and news-feature stories based on original research.

Term:

Offered Fall Term

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Degree Requirements

1. Students admitted to this dual degree program must meet all the requirements of an undergraduate degree program within the departments of Communication & Journalism or Advertising, Public Relations, & Social Media.
2. Student must also meet all requirements for the Master's degree in Communication.
3. Students will take two Communication graduate courses during their senior year; one during the fall semester and one during the spring semester. The two graduate courses taken during the senior year will count toward BOTH the undergraduate and graduate degree requirements. Credit hours will be awarded based on the graduate course description.
4. The graduate courses taken during the senior year will be determined by the Communication graduate program director.
5. Students are subject to the usual standards for academic standing, i.e., undergraduate standards for undergraduate courses and graduate standards for graduate courses.

Upon successful completion of all of the degree requirements, a student will receive a dual Bachelor's and Master's degree. The exact degree will be awarded based on the specific undergraduate program the student completes. A student may permanently exit the dual degree program and opt to graduate

with a Bachelor's degree if all the requirements for a Bachelor's degree have been met. In this case, the graduate courses taken in the senior year will be counted as 4-credit courses applied toward the undergraduate degree requirements.



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Majors in the Communication and Journalism Department who have completed a minimum of 20 credits of CJN coursework, and hold a GPA of 3.4 in the major and a 3.0 or higher GPA overall may enroll in CJN-506 Honors Seminar during their senior year. In this course, students are guided in writing a major research paper, enhancing their research, writing, and analytical skills. This paper also is presented orally to CJN faculty members. For further details, contact the department.

- **CJN-506 Honors Seminar**

Prerequisites:

Senior CJN majors with an overall cumulative grade point average of 3.0, and a major GPA of 3.4; or instructor consent

Credits:

4.00

Description:

Senior CJN majors meeting requirements for Departmental Honors are invited to participate in this seminar, which entails research and presentation of an approved topic.

Term:

Offered Spring Term



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-
- CJN-101 Introduction to Communication

Credits:

4.00

Description:

As an introduction to the communication discipline, this course examines the significance of communication to the symbolic construction of meaning. Students receive an overview of multiple forms of communication, including face-to-face, verbal/non-verbal, small group, intercultural, organizational, and mediated communication. The class devotes attention to the influence of culture on communication and to ethical complexities relating to communication.

Term:

Offered Both Fall and Spring

- **CJN-103 Principles of Oral Communication**

Credits:

4.00

Description:

Oral communication skills have been rated as vital to today's professional world. Students will learn these skills focusing on the three principal types of oral communication (interpersonal, team and public address). Sample assignments include creating a webinar, interviewing and team presentation. Specific attention will be given to communicating in diverse contexts, in an online environment, and for a diverse audience.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-105 Principles of Oral Communication**

Credits:

4.00

Description:

Oral communication skills have been rated as vital to today's professional world. Students will learn these skills focusing on the three principal types of oral communication (interpersonal, team and public address). Sample assignments include creating a webinar, interviewing and team presentation. Specific attention will be given to communicating in diverse contexts, in an online environment, and for a diverse audience.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-112 Journalism I**

Credits:

4.00

Description:

An introductory news writing course designed to teach both the writing style used by journalists and basic techniques used for gathering and presenting information for general publication. The course emphasizes fundamental writing and reporting skills such as interviews, finding sources, and choosing essential facts. Students also introduced to feature news writing and are assigned to develop and write basic stories drawn from real-life situations.

Term:

Offered Both Fall and Spring

- **CJN-114 Great Works of Journalism**

Credits:

4.00

Description:

An examination of important contributions to the literature of journalism through an analysis of major writers and news coverage of significant events from a journalistic perspective.

Term:

Occasional

Type:

Social & Intellectual HST

- **CJN-152 Visual Aesthetics**

Credits:

4.00

Description:

This course provides an introduction to a humanities approach to a range of media, including but not limited to film and television. The course helps students develop visual literacies, enriching their understanding of multiple forms of media. The class also explores how media texts are constructed for specific cultural, entertainment, informative and propaganda purposes.

Term:

Offered Both Fall and Spring

- **CJN-177 Professional Communication**

Credits:

4.00

Description:

An introduction to the processes of professional communication, with emphasis on oral presentations, report writing, effective listening, and interpersonal communication in the business environment.

Term:

Occasional

- **CJN-H177 Honors Professional Communication**

Prerequisites:

3.2GPA

Credits:

4.00

Description:

An honors-level introduction to the processes of professional communication, with emphasis on oral presentations, report writing, effective listening and interpersonal communication in the business environment.

Term:

Occasional

Type:

Honors

- **CJN-210 Communication Research Statistics**

Credits:

4.00

Description:

The course develops an understanding of how statistics are used in the presentation of information and arguments in Communication and Journalism. Emphasizing a conceptual approach to learning statistics, the course focuses on data collection and summarization, correlation, regression, sampling, estimation, and tests of significance. Students perform basic statistical calculations using SPSS software.

Term:

Offered Both Fall and Spring

- **CJN-212 Journalism II**

Prerequisites:

CJN 112

Credits:

4.00

Description:

Modern reporting techniques are examined and applied to writing full-length news and feature news stories, with an emphasis on investigative journalism. The course includes an introduction to and an analysis of alternative or new journalism," combined with the survey of journalistic styles and standards as they evolved in the U.S. and international press over the last century.

Term:

Offered Both Fall and Spring

- **CJN-214 Professional Writing**

Credits:

4.00

Description:

Provides students with the opportunity to develop their writing style for a professional audience. Memo writing, report writing, letter writing, and other common writing situations for business professionals are considered.

Term:

Occasional

- **CJN-215 Interpersonal Communication**

Credits:

4.00

Description:

Analysis of communication behavior in individual and group environments. Topics include conflict, leadership, common communication difficulties, communication roles, and reflective thinking.

Term:

Occasional

- **CJN-216 Intercultural Communication**

Credits:

4.00

Description:

An examination of communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures.

Term:

Offered Both Fall and Spring

- **CJN-217 Gay and Lesbian Studies**

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social, and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions, and social movements.

Term:

Alternates Fall & Spring

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

- **CJN-219 Rhetoric of Protest and Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **CJN-222 Leadership and Communication**

Credits:

2.00

Description:

This course explores different definitions, perspectives, and strategies of leadership, with the goals of developing a better understanding of the concept as well as the students' own styles of leadership. The course examines the components of leadership including power, credibility, motivation, styles, situations, and followership.

Term:

Offered Both Fall and Spring

- **CJN-225 World Cinema**

Credits:

4.00

Description:

An introductory course in film studies with a focus on foreign films. Movies studied include masterpieces of cinema from Europe, Asia, the Middle East, and other nations (Films have subtitles).

Term:

- **CJN-235 Argument and Advocacy**

Credits:

4.00

Description:

Modern applications of argument in political, social, and legal situations. Emphasis on development of arguments, analysis, use of evidence, and delivery of oral and written assignments.

Term:

Offered Fall Term

- **CJN-239 Media Law**

Credits:

4.00

Description:

Explores the legal rights, responsibilities, and constraints on the media and on media professionals. Focus on defamation, copyright, obscenity, broadcast regulation, and media-related tort law.

Term:

Offered Both Fall and Spring

- **CJN-245 Forensics**

Credits:

1.00- 8.00

Description:

Intensive research on topics in debate and active participation in the University forensics program. ECR

Term:

Offered Spring Term

- **CJN-247 Design Lab**

Credits:

4.00

Description:

Computer applications for advertising and communication design. Using various graphical editing and design programs, students learn the theory and practice of design for layout, logos, and graphic elements in communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-253 Broadcast Journalism**

Prerequisites:

Take CJN-112;

Credits:

4.00

Description:

Introduces students to newswriting, production, and performance techniques for radio and television. Students write, produce, and perform new packages as part of the course.

Term:

Offered Both Fall and Spring

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television, and new media technologies develop, and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **CJN-257 Advertising**

Credits:

4.00

Description:

A survey course that introduces students to advertising concepts and practices from the perspective of agencies, clients, the media, and consumers. Students learn to think critically about advertising messages and learn practical techniques for developing effective advertising in various media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-258 Sports Public Relations**

Credits:

4.00

Description:

The application of public relations strategies and techniques to college and professional sports.

Term:

Alternates Fall & Spring

- **CJN-259 Sports Public Relations**

Credits:

4.00

Description:

The application of Public Relations strategies and techniques in college and professional sports.

Term:

Occasional

- **CJN-265 Small Group & Team Communication**

Credits:

4.00

Description:

Analysis of the concepts and theories of communication in small groups and teams. Improvement of problem-solving, decision-making, analysis, and evaluation skills in the team environment. The study and practice of merging trends in team dialogue, team learning, team development, and leadership.

Term:

Occasional

- **CJN-270 Speaking Across Cultures**

Credits:

4.00

Description:

Helps students learn to communicate with and speak to culturally diverse audiences. Audience analysis, organizational patterns, speech creation, research skills, and delivery skills are all critical to understanding when interacting with diverse audiences. Provides students with opportunities for oral presentations and interactions in different contexts.

Term:

Occasional

- **CJN-277 Public Relations I: Principles**

Prerequisites:

This course is now being offered as CJN-2277

Credits:

4.00

Description:

The basic principle techniques and processes of public relations are examined. Issues, trends, opportunities, and problems faced by the practitioner and impacting the organization are analyzed.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-281 Asian Popular Culture**

Credits:

4.00

Description:

Students critically analyze Asian popular culture since the 1980s using a cultural ethnographic approach. Students apply the lenses of gender, identity, globalization, and business strategies to examine pop phenomena such as Korean Wave, Cool Japan, and Cantonese popular music.

Term:

Occasional

- **CJN-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media on contemporary society. Television, radio, film, and print formats are discussed in terms of their persuasive impact on mass culture in the U.S.. Focus is on the period 1950-1970.

Term:

Offered Spring Term

- **CJN-287 Media Criticism**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Critical examination of various mass media including film, television, radio, music, newspapers and magazines. Theories of media criticism discussed and applied to specific media or media products.

Term:

Offered Spring Term

- **CJN-288 Film Language: From Silents to Citizen Kane**

Credits:

4.00

Description:

Film history from 1895 - 1940. An introduction to the language and technology of cinema as developed by pioneering filmmakers, and a basic discussion of aesthetics and criticism of film. Key films from the silent era through Orson Welles' Citizen Kane.

Term:

Offered Both Fall and Spring

- **CJN-291 Film Studies: the Modern Era**

Credits:

4.00

Description:

Film history mostly from 1940 until 1970. Includes an emphasis on film aesthetics, criticism, and history from World War II through the end of the Hollywood studio system; from film noir to Italian Neo-Realism to the French New Wave.

Term:

Alternates Fall & Spring

- **CJN-292 Film History: From Silent Cinema to the Modern Era**

Credits:

4.00

Description:

An introductory film studies course that covers the history of the film medium from its birth until the 1970s. It provides an introduction to major film theory concepts, such as genre and/or auteur studies, as well as key films and stars in movie history.

Term:

Alternates Fall & Spring

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

By examining the film texts of Hong Kong auteurs such as John Woo, Wong Kar-wai, Tsui Hark, Andrew Lau, and Alan Mak, the course examines issues such as film genres, colonization/decolonization, transnational political economy, the Greater Chinese media market, and the diaspora.

Term:

Occasional

- **CJN-297 New Media New Markets**

Credits:

4.00

Description:

Explores current trends in advertising and public relations. Examines new media choices in cable, direct response and the Internet and their impact on these professions. Includes an analysis of new markets in Generation X, Generation Y, and in the international and ethnic communities.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-301 Documentary Film and the Image of Conflict in the Middle East**

Credits:

4.00

Description:

The course focus is on some of the divisions and conflicts within Israeli society. Students analyze and compare mainstream media discourse to alternative representations in documentary film. Analysis also covers media representation of the Israeli-Palestinian conflict.

Term:

Occasional

- **CJN-313 Advanced Reporting**

Prerequisites:

Take CJN-112 and CJN-212;

Credits:

4.00

Description:

The principles and techniques of advanced news and investigative reporting are studied and applied. Students develop, organize, and write detailed news and news-feature stories based on original research. Each student is assigned a real-life news beat or news project to work on throughout the semester.

Term:

Occasional

- **CJN-315 Global & Cultural Scripts**

Prerequisites:

CJN-216;

Credits:

4.00

Description:

Understanding how people interact is critical to building relationships in personal and professional settings. The concept of scripts refers to ways of understanding and articulating cultural norms, values and behaviors. Scripts help us identify patterns of communication and creation of identity. This course will explore the concepts of scripts in a variety of contexts and situations including interpersonal communication and organizational communication.

Term:

Occasional

- **CJN-317 Copy Editing**

Prerequisites:

CJN 112 or CJN 113

Credits:

4.00

Description:

A study of the fundamentals of copy editing, newspaper typography, and makeup.

Term:

Offered Fall Term

- **CJN-L318 Advanced Photojournalism**

Prerequisites:

CJN-L218

Credits:

4.00

Description:

An in-depth analysis of the field of photojournalism. Emphasis is on the development of photo essays and the visual impact of photography on print media.

Term:

Offered Spring Term

- **CJN-321 Research Methods in Communication**

Credits:

4.00

Description:

Students learn the research traditions in communication grounded in the humanities and social sciences. They are exposed to an array of qualitative methods, with in-depth study of select methodologies. Students learn how to read scholarly articles, write in an academic style, and design a research project.

Term:

Alternates Fall & Spring

- **CJN-325 World Cinema**

Credits:

4.00

Description:

This course examines films from cultures around the globe, including masterpieces of cinema from European, Asian, South American, and African nations. (Films are often subtitled.)

Term:

Occasional

- **CJN-335 Persuasion**

Credits:

4.00

Description:

Analysis of persuasive techniques particularly those used by communicators in their attempt to gain public acceptance.

Term:

Offered Spring Term

- **CJN-340 Health Communication**

Credits:

4.00

Description:

Examines the important functions performed by human and mediated communication for health care consumers and providers. The course focus is on the use of communication strategies to inform and influence individual and community decisions regarding health.

Term:

Occasional

- **CJN-343 Advanced Feature Writing**

Prerequisites:

Take CJN-112 and CJN-212;

Credits:

4.00

Description:

Emphasizes in-depth development of articles in the style of narrative journalism for magazines and other publications.

Term:

Occasional

- **CJN-347 Media Planning**

Prerequisites:

CJN 257

Credits:

4.00

Description:

The planning and purchasing of advertising space and time. Examines media costs, budgets, and media strategy for different audiences and markets.

Term:

Offered Both Fall and Spring

- **CJN-353 Broadcast Journalism II**

Prerequisites:

Take CJN-2355 (formerly CJN-355) and CJN-253

Credits:

4.00

Description:

Advanced work in newswriting, production, and performance techniques for television. Students report, write, and produce news packages, with emphasis on increasing the depth, breadth, and frequency of reporting. Work also includes gathering, organizing, and evaluating the newsworthiness of information, evaluating the credibility of sources, writing the story, and producing broadcast quality work. Cannot be taken concurrently with CJN 483.

Term:

Alternates Fall & Spring

• CJN-354 Digital Cinema

Credits:

4.00

Description:

Students study cinematography techniques and theory, putting them into practical application in various projects using video cameras, lighting, and composition to create images and scenes. Students produce work in multiple environments including stage and on-location shoots.

Term:

Occasional

• CJN-355 Media Production

Prerequisites:

This course is now being offered as CJN-2355

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

- **CJN-356 TV Studio Production**

Credits:

4.00

Description:

Provides students with a hands-on introduction to the process of planning, preparing, producing, and evaluating studio productions. Students are exposed to the elements and terminology of a multi-camera studio with live switching, audio mixing, and studio lighting. Students produce interviews, public service announcements, and a live variety/talk show.

Term:

Offered Both Fall and Spring

- **CJN-357 Post Production**

Credits:

4.00

Description:

An exploration into the activities that wrap up the creation of films and television programs. Students create and add motion-graphics and visual effects to edited programs, generating output for videotape, the web, and DVD platforms.

Term:

Occasional

- **CJN-358 Family Communication**

Credits:

4.00

Description:

Looks at different family structures using communication concepts and theories as a focus to glance at family life. Communication issues include the creation of meaning and identity through storytelling, rules and roles, conflict, power, intimacy, and challenges to the family unit. Examines both fictional and real families portrayed in television, movies, documentaries, as well as in fiction and non-fiction writing. Final projects include a paper and presentation about a family communication concept as applied to a family unit.

Term:

Occasional

- **CJN-359 Advertising Copy**

Prerequisites:

CJN 257

Credits:

4.00

Description:

Continuation of basic advertising, with an emphasis on practical advertising and advertising campaigns.

Term:

Offered Both Fall and Spring

- **CJN-361 Television News Producing**

Prerequisites:

CJN-2355 (formerly CJN-355) and CJN-253

Credits:

4.00

Description:

Students produce news segments, series, and/or specials leading to broadcast quality products. Emphasis is on the pacing, timing, and flow of newscasts, as well as pre-production, tease(script and on-camera) and the issues of an audience and professional ethics. Cannot be taken concurrently with CJA 483

Term:

Alternates Fall & Spring

- **CJA-363 Online Journalism**

Prerequisites:

CJA-253

Credits:

4.00

Description:

The development and implementation of news stories for web media. Emphasis is on the narrative form in the integration of writing, video, sound, and photography in producing news content for the web.

Term:

Alternates Fall & Spring

- **CJA-365 American Cinema**

Credits:

4.00

Description:

Trends in Hollywood and U.S. independent cinema from 1970 onwards, including maverick directors, Hollywood blockbusters, and, when possible, class visits by New England-based filmmakers.

Term:

Occasional

- **CJN-366 Great Film Directors**

Credits:

4.00

Description:

An in-depth look at the films of one great film director, either American or foreign, demonstrating how the filmmaker develops his/her themes over the course of a career. Can be taken for credit more than once, but only counts once towards the major. A different director is studied each time.

Term:

Occasional

- **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness, and change processes.

Term:

Offered Fall Term

Type:

Human Behavior & Societies

- **CJN-377 Public Relations III: Writing**

Prerequisites:

CJN-277; This course is now being offered as CJN-3377

Credits:

4.00

Description:

An applied course that focuses on Public Relations research methods, the development of persuasive messages, and the selection, development and editing of appropriate materials used to communication with an organization's stakeholders.

Term:

Offered Both Fall and Spring

• CJN-378 Event Planning and Promotion

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines how events are built, promoted, managed, and assessed, with an emphasis on conventions, trade shows, and nonprofit events. Issues analyzed include facilities planning and contracts, legal issues, volunteer management, budgeting, marketing, and planner/staff communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• CJN-381 Business of Media

Prerequisites:

CJN-255

Credits:

4.00

Description:

Explores the market environment of the production and distribution of video and film. Topics include ownership and control, market structure and competition, audience measurement, and the impact of new technologies on media markets. Students work on a proposal to launch a media company.

Term:

Alternates Fall & Spring

Type:

Arts Admin Minor Elective

• CJN-383 Online Advertising

Prerequisites:

CJN-257;

Credits:

4.00

Description:

All forms of online advertising are explored, including paid search, with a focus on building a brand online.

Term:

Alternates Fall & Spring

Type:

Arts Admin Minor Elective

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

A critique of the circulation of media goods and ideologies from both a cultural and political/economic perspective. Topics include global Hollywood, the images of Muslim women in transnational media, the information society, and global social movements.

Term:

Offered Spring Term

- **CJN-387 Media and Film Criticism**

Credits:

4.00

Description:

Examination of media including film, television, radio, music, newspapers, and magazines. Theories of media criticism are discussed and applied to specific media or media products. Students are introduced to criticisms such as genre, formalist, narrative, cultural, critical cultural, and feminist.

Term:

Offered Fall Term

- **CJN-389 Social Media**

Credits:

4.00

Description:

Social media sites such as Facebook, MySpace, and Twitter are examined from a cultural and critical perspective. The use of social media for community formation, social presence, identity building, and social activism are considered. The roles of advertising, public relations, and branding are

examined.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-390 Screenwriting**

Credits:

4.00

Description:

Students learn the basic principles of writing a short film for the screen by examining professional scripts and one-act films, and then creating, step-by-step, their own one-act screenplay so that it could be ready for production.

Term:

Occasional

- **CJN-400 Media Effects and Audiences**

Prerequisites:

Prerequisite: CJN-255

Credits:

4.00

Description:

Explores the social influence of the media on U.S. society. Attention is given to the theoretical perspectives that inform media research. By the end of the semester, students will develop a critical understanding of the role and influence of the media in U.S. society.

Term:

Offered Fall Term

- **CJN-401 Networked Culture**

Credits:

4.00

Description:

Explores the influence of media convergence, digital technologies, and networked culture on the production, distribution, and consumption of media texts. Through theory, analysis and practice, students learn broad conceptual frameworks and develop models about the emergence and evolution of digital and mobile communication technologies that have shaped the contemporary media landscape. Case studies are drawn from media industries including journalism, advertising, public relations, film and television, music, video games, and the arts.

Term:

Occasional

- **CJN-403 Issues in Journalism**

Prerequisites:

CJN-112

Credits:

4.00

Description:

Each time this course is offered it examines a different issue in Journalism, such as social justice journalism, electronic journalism, ethics, political journalism, or international journalism.

Term:

Offered Fall Term

- **CJN-405 Communication Theory**

Prerequisites:

CJN Majors Only

Credits:

4.00

Description:

Interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientists, psychologists, sociologists, philosophers, and others.

Term:

Offered Both Fall and Spring

- **CJN-415 Review Writing**

Credits:

4.00

Description:

Analysis and critique of movies, theater, music, art, and food.

Term:

Offered Both Fall and Spring

- **CJN-421 Media Seminar**

Prerequisites:

Take CJN-255;CJN Majors with Senior Standing

Credits:

4.00

Description:

In an interactive and intensive seminar format, students examine special media topics through class discussion and engaging in original research. Topics may include: women, gender, and communication technologies; media and social movements; topics in cultural studies; media and democracy; media and community; and participatory media culture.

Term:

Offered Spring Term

- **CJN-437 Ad Campaigns**

Prerequisites:

CJN 359, CJN 257

Credits:

4.00

Description:

Principles of advertising campaigns. Students design, plan, and produce a national advertising campaign for a client as members of a simulated agency team.

Term:

Offered Spring Term

- **CJN-440 Health Communication**

Prerequisites:

CJN-277;

Credits:

4.00

Description:

This course examines the important functions performed by human and mediated communication for health care consumers and providers. In particular, the course focuses on the use of communication strategies to inform and influence individual and community decisions regarding health.

Term:

Occasional

- **CJN-441 Risk and Crisis Communication**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Provides students with insight into effective risk and crisis management within organizations, including health organizations. Focuses on the application of theories, strategies, and tactics from a public relations perspective. Students understand how communication can prevent, cause, accelerate, and assist in recovery from a crisis.

Term:

Occasional

- **CJN-442 Boston Sports Media**

Credits:

4.00

Description:

The history of Boston sports includes a rich media tradition that has been chronicled in various Boston sports media outlets. This course takes both an historic and contemporary approach to understanding and analyzing Boston sports media and their relationship to Boston college and professional sports.

Term:

Occasional

- **CJN-443 Advanced Reporting and Feature Writing**

Prerequisites:

Senior status or instructor consent

Credits:

4.00

Description:

Principles and techniques of advanced news, features, and investigative reporting are studied and applied, with a focus on enterprise reporting. Students develop, organize and write detailed news and news-feature stories based on original research.

Term:

Offered Fall Term

- **CJN-444 Advanced Health Communication**

Prerequisites:

CJN-340

Credits:

4.00

Description:

Explores theory and research in the development of persuasive health campaigns in many contexts including social marketing. Examines aspects of health campaigns including formative research, audience segmentation, key message tailoring, and communication tools.

Term:

Occasional

- **CJN-455 Advanced Media Production**

Prerequisites:

CJN 355

Credits:

4.00

Description:

The course focus is on specialized production techniques including advanced lighting, sound recording, cinematography and editing techniques. Students work in teams to create a variety of fiction productions.

Term:

Offered Both Fall and Spring

- **CJN-457 Integrated Marketing Communication**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines the integration of advertising, promotion, public relations and marketing communication in the strategic communication process. By learning the fundamentals of interpersonal and persuasive communication, students have an opportunity to develop an effective communication plan for a brand that includes creative copy.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-458 Advanced Sports Public Relations**

Prerequisites:

CJN-258

Credits:

4.00

Description:

Focuses on the theory and practice of effective sports public relations management including the development of sport, team, and league public relations campaigns. Also focuses on sports public relations in the context of stakeholder relations in sports.

Term:

Occasional

- **CJN-466 Seminar in Media/Film**

Prerequisites:

CJN-3455

Credits:

4.00

Description:

Functions as a capstone media/film course and merges theoretical and practical knowledge from previous classes. Students revisit concepts and apply them to advanced courses and/or create their own advanced work.

Term:

Offered Spring Term

- **CJN-470 Rhetoric and Global Context**

Credits:

4.00

Description:

Rhetoric is the strategic use of symbols to create meaning. Films, television, music, and new media communicate these meanings. Explores how rhetorical messages shape our personal and cultural identities. Topics include gender, social networking, food, politics, religion, and fashion.

Term:

Offered Fall Term

• **CJN-477 Public Relations IV: Campaigns**

Prerequisites:

CJN-277 and CJN-377 and Senior Standing. This course is now being offered as CJN-4477

Credits:

4.00

Description:

Examines case studies and typical public relations problems experienced by profit and not-for-profit organizations. The course provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign for an actual client. Fulfills ECR requirement.

Term:

Offered Both Fall and Spring

• **CJN-H477 Public Relations IV Honors: Campaigns**

Prerequisites:

CJN 277 and CJN 377; Over 84 credits and by invitation only;

Credits:

4.00

Description:

HONORS SECTION. INVITATION ONLY! Examines case studies and typical public relations problems experienced by profit and not-for-profit organizations. The course provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign for an actual client. Fulfills ECR requirement.

Type:

Honors

- **CJN-479 Environmental Public Relations**

Credits:

4.00

Description:

Examines public issues involving the environment. Focuses on public relations strategies for government agencies, corporations, and other organizations concerned with the environment.

Term:

Occasional

- **CJN-480 Documentary Film Production**

Credits:

4.00

Description:

Students analyze contemporary documentaries and study documentary history and theory. Working in teams, students produce, write, direct, crew, and edit documentary shorts.

Term:

Occasional

- **CJN-481 Making the Short Film**

Prerequisites:

CJN-2355 or instructor consent

Credits:

4.00

Description:

This advanced class works together as a crew to create of a short narrative film shot in HD video. Students learn the process of making professional-quality work, and each student is responsible for various crew positions during pre-production and the shooting of the film.

Term:

Occasional

- **CJN-482 Cultural Theory and Practice Cultural Theory & Practice**

Prerequisites:

CJN-216

Credits:

4.00

Description:

In a world of globalization and multiculturalism, communication is critical to understanding. Explores theoretical approaches to communication and applies them to specific contexts. Emerging trends in global, ethical, legal, political and social communication issues are explored.

Term:

Offered Spring Term

- **CJN-483 Suffolk TV News**

Prerequisites:

CJN-253 and CJN-2355(formerly CJN-355) and CJN-353 or CJN-361 or instructor's consent

Credits:

4.00

Description:

Students write, direct, crew, edit, and serve as talent in producing the CJN Department's weekly news program aired on Boston Cable Access. Cannot be taken concurrently with CJN 361 or CJN 353.

Term:

Offered Spring Term

- **CJN-485 Rhetoric of Protest & Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with an emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **CJN-488 Grant Writing**

Credits:

4.00

Description:

Hands-on course that explores the process of writing and submitting grants to foundations, associations, the government, and other grantors on behalf of nonprofit organizations. Students learn how to identify grant resources through research, compile an effective submission, and write supporting material such as cover letters and appendices. Also covers how grants are reviewed and tips for successful grant submissions.

Term:

Occasional

- **CJN-489 Political Communication**

Credits:

4.00

Description:

Examination of special circumstances created by politics and their impact on attempts at persuasion. Case studies of famous politicians' political campaigns are combined with discussions of current trends in media and politics.

Term:

Occasional

- **CJN-490 Temple Street Project**

Prerequisites:

CJN-253 and CJN-2355(formerly CJN-355)

Credits:

4.00

Description:

Students write, direct, crew, edit, and serve as talent in producing the CJN Department's magazine- format television program aired on the department's Youtube channel.

Term:

Offered Fall Term

- **CJN-491 Special Topics in Communications and Journalism**

Credits:

4.00

Description:

Explores current issues in the field of communication.

Term:

Offered Both Fall and Spring

- **CJN-492 Special Topics in Public Relations**

Credits:

4.00

Description:

Explores current issues in public relations.

Term:

Occasional

- **CJN-493 Special Topics in Film**

Credits:

4.00

Description:

Explores film theory, history, criticism, and genre.

Term:

Occasional

- **CJN-494 Special Topics in Advertising**

Credits:

4.00

Description:

Current issues in the field of advertising. Normally offered every semester.

Term:

Occasional

- **CJN-503 Experiential Learning in Communication**

Prerequisites:

16 Hrs of CJN coursework or CJN advisor consent

Credits:

1.00-12.00

Description:

Internships and practicum in Communication and Journalism are available prior to the start of each semester.

Term:

Offered Both Fall and Spring

- **CJN-505 Communication and Journalism Practicum**

Prerequisites:

12 hours of CJN coursework and CJN advisor consent

Credits:

1.00-12.00

Description:

Practicum and internship projects are available prior to the start of each semester. Prerequisites: Journalism majors with a minimum of 12 credits of coursework or permission of the Department Chairperson. 1-3 terms : 1-12 credits.

Term:

Offered Both Fall and Spring

• **CJN-506 Honors Seminar**

Prerequisites:

Senior CJN majors with an overall cumulative grade point average of 3.0, and a major GPA of 3.4; or instructor consent

Credits:

4.00

Description:

Senior CJN majors meeting requirements for Departmental Honors are invited to participate in this seminar, which entails research and presentation of an approved topic.

Term:

Offered Spring Term

• **CJN-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00-12.00

Description:

An independent study experience in Communication and Journalism is available prior to the start of each semester.

Term:

Offered Both Fall and Spring

- **CJN-2277 Public Relations I: Principles**

Credits:

4.00

Description:

Effective public relations involve an understanding of the history, theory, and practice of public relations including public relations concepts, the role of the practitioner, and the foundations of public relations. This course seeks to provide that foundation as an introduction to the field of public relations. Issues surrounding the history, legality, process, and principles of public relations are explored.

Term:

Offered Both Fall and Spring

- **CJN-2355 Production I**

Prerequisites:

CJN-152

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

- **CJN-3376 Public Relations II: Research**

Prerequisites:

CJN-2277 (Formerly CJN-277)

Credits:

4.00

Description:

Examines how research aids the public relations practice. Students learn research methods that address public relations planning and problem-solving. Assignments provide students with hands-on practice using research for a PR project.

Term:

Offered Both Fall and Spring

- **CJN-3377 Public Relations III: Strategic Writing**

Prerequisites:

CJN-2277(formerly CJN-277);

Credits:

4.00

Description:

Focuses on writing principles for public relations including the formulation of clear PR objectives, determining the knowledge of the target audience, and the development of key messages. Students apply these principles to common PR formats, including news releases, pitch letters, biographies, speeches, emails, digital content, and social media posts.

Term:

Offered Both Fall and Spring

- **CJN-3455 Production II**

Prerequisites:

CJN-2355(formerly CJN-355)

Credits:

4.00

Description:

Building on skills acquired in CJN 2355, students use advanced equipment and production techniques to produce complex video projects, including fiction filmmaking. Projects cover various styles and genres, such as music video and film noir.

Term:

Offered Both Fall and Spring

- **CJN-4455 Production III**

Prerequisites:

CJN-3455(formerly CJN-455)

Credits:

4.00

Description:

Builds on the theories and techniques developed in CJN 3455, focusing on the advanced concepts and skills needed to design and produce professional-level media content for digital distribution. Provides the opportunity to produce high-quality material for student media portfolios in various genres.

Term:

Offered Spring Term

- **CJN-4477 Public Relations IV: Campaigns**

Prerequisites:

CJN-2277(formerly CJN-277) and CJN-3377(formerly CJN-377) and Senior Standing.

Credits:

4.00

Description:

Examines typical public relations problems experienced by profit and not-for-profit organizations. Provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign plan for a community client.

Term:

Offered Both Fall and Spring

• **CJN-H4477 Public Relations IV Honors: Campaigns**

Prerequisites:

CJN-2277(formerly CJN-277) and CJN-377(formerly CJN-377) and CJN-3376 and by invitation only.

Credits:

4.00

Description:

Examines typical public relations problems experienced by profit and not-for-profit organizations. Provides honors students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign plan for a community client.

Term:

Offered Spring Term

Type:

Honors



2017-2018 Archived Catalog Information

Law

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Associate's Degree](#)
- [Certificate](#)
- [Gainful Employment Disclosure](#)
- [Law Courses](#)

Major Requirements: 11 courses, 42-44 credits

Students must complete 11 courses (42-44 credits) in their Law major and the required courses for the chosen degree. Of the 11 major courses, students must take eight required courses, one capstone course, and may choose two of the Law electives offered. As preparation for work in a specific field, students may choose electives that focus on a particular area of the law (e.g., Corporate Law, Family Law, or Litigation).

Students are encouraged to take Introduction to American Democracy and Ethics and Legal Practice in their first year and save LAWU major courses for the sophomore year and beyond; many LAWU courses require sophomore status.

Required Courses (8 courses, 32 credits)

- GVT-110 Introduction to American Democracy

Credits:

4.00

Description:

An introduction to the American political system and constitutional framework. Focus will be on the interplay of various institutions (the Presidency, Congress and the Judiciary) in creating public policies. Contemporary public issues will be discussed, as will the role of political theory in shaping American democracy. Attention will be given to the role of the news media, public opinion, political ideology, political parties and interest groups in the American system.

Type:

Human Behavior & Societies

- **GVT-225 U.S. Constitutional Law & Civil Liberties**

Credits:

4.00

Description:

This course examines a range of contemporary issues introducing students to the U.S. Constitution and the fundamental concepts of constitutional law. Students discuss and analyze topics including separation of powers, federalism, freedom of speech, the death penalty, gun control, and civil rights. We will explore current constitutional challenges and their relationship to law and society.

- **LAWU-101 Ethics and Legal Practice Skills**

Credits:

4.00

Description:

Introduces the student to the responsibilities of paralegals and to the culture of the legal profession. Topics include the development of paralegalism as a profession, the definition of the practice of law, ethical considerations, interviewing techniques, legal research, law office management, and client relationships. Normally offered each semester.

- **LAWU-201 Introduction to Law**

Credits:

4.00

Description:

This course provides an introductory overview of the American legal system, legal reasoning, and the legal profession. Students will learn about the structure of the federal government and the relation between state and federal systems, with a focus on the courts and the litigation process. Students will read primary legal materials such as judicial opinions and statutes and will complete assignments that provide opportunities to engage in legal reasoning, analysis, argument, and research. The course will also provide theoretical perspectives on the role of law in society, as well as a brief look at the legal profession and the work that lawyers do.

• LAWU-211 Litigation

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each semester.

• LAWU-221 Law of Contracts

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The existence and validity of a contract is determined by specific rules. Students will learn about formation through offer and acceptance, contract enforceability, the necessity of consideration, and breach of contract and will draft contract provisions as a paralegal might in a law office. Normally

offered each semester. Sophomore status required.

- **LAWU-301 Legal Research and Writing I**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

How to use the law library, perform legal research, write legal analysis in memorandum form, and use computers as a research tool. Initial focus is on learning how to find legal materials, including federal and state case law, statutory law, and administrative law. Use of finding tools such as digests, encyclopedias, and CALR will be studied, as will shepardizing. Focus also on legal writing, from letters through case analysis. Normally offered fall semester. Sophomore Status Required

- **LAWU-401 Legal Research and Writing II**

Prerequisites:

ALS-361 OR LAWU-301

Credits:

4.00

Description:

Building on the skills in LAW 301 - Legal Research & Writing I, this course continues the focus on learning how to find legal materials and how to summarize research results. Writing skills will be strengthened through various exercises and revisions. Skill development in legal analysis, writing legal memoranda, and using computer assisted legal research with Westlaw and Lexis will be emphasized.

Elective Courses (2 courses, 6-8 credits)

Choose one from Elective Group 1:

- **BLE-321 Corporate Crime and Financial Fraud**

Credits:

3.00

Description:

Presents an in-depth study of corporate crime and financial fraud. Examines accounting devices and schemes employed to defraud stakeholders, failure of industry watchdogs, and the regulatory and legislative environment. Topics include: corporate governance, corporate finance, corporate compliance programs, ethical misconduct by outside legal, accounting, investment and banking professionals, Sarbanes Oxley Act, Foreign Corrupt Practices Act, Organizational Sentencing guidelines, mail fraud, wire fraud, money laundering, conspiracy, securities violations, qui tam litigation (whistleblowers) and financial accounting crimes.

- **GVT-335 Law, Politics and Public Health**

Credits:

4.00

Description:

Law is one of the primary tools used to protect public health in the United States. This course will use various case studies (tobacco industry, food industry, health care policy, etc.) to explore innovative uses of the law in diverse areas related to public health. Students will learn about the ways in which attorneys, public officials, politicians, and public health practitioners work together to make public health policy. Normally offered alternate years.

- **GVT-361 Voting Rights and Election Law**

Credits:

4.00

Description:

How do laws governing the political process affect and impact political power relationships? This course investigates topics including redistricting, the right to vote, voter turnout and mobilization, election administration, the Voting Rights Act, and political parties. Students will have a choice of either serving as poll workers during the November election or organizing and conducting research of potential voters. Students will gain hands-on experience in actual research design, election administration, and non-partisan get-out-the-vote activities. In addition, students will gain a deeper understanding of the relationship between attitudes, opinion, and voting behavior in American politics and institutions.

- **LAWU-260 Criminal Law**

Credits:

4.00

Description:

This course examines criminal law in the United States from a broad perspective. It will present the general principles and doctrines that affect the whole criminal law, such as elements of criminal offenses, defenses to crime, and perspectives on crime and criminal law. In addition, students will learn the elements of specific crimes, such as homicide, criminal sexual conduct, terrorism and related crimes, crimes against public morals, and crimes against property. Discussions of the direction of the criminal law and constitutional limitations on government will be presented as preparation for future study.

- **LAWU-280 Domestic Violence, Abuse and Neglect**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

An opportunity to learn the history of domestic violence including battering, child abuse and child neglect, and the legal response to it. Focus will be on Massachusetts Law and its response, especially the Abuse Prevention Act, its application and enforcement, and on laws protecting children from abuse and neglect. Filings, law office issues and special issues in dealing with battered women and abused and neglected children will be included with the psychological issues, cultural issues, and advocacy possibilities. Normally offered yearly. Sophomore status required. Cultural Diversity A

- **LAWU-340 Family Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Family law includes marriage, divorce, support, custody, property division, and abuse prevention petitions. Essentially an area of state law, it is often the backbone of general practice law firms. The role of paralegals in a family law office will be studied.

- **LAWU-345 Education Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

This course provides a basic overview of key issues in contemporary education law and policy. Relevant local, state, and federal laws will be reviewed as well as education policy issues, including civil rights, student safety and discipline. This course will also cover the core educational entitlements granted to all students with disabilities in the public education system. It will focus on the substantive legal protections designed to ensure that students with disabilities receive a Free and Appropriate Public Education, and on the various procedural protections for students and parents. The course will cover major federal legislation such as the IDEA, ADA and Section 504, as well as major Supreme Court and other important cases. The course will cover fundamental legal issues balancing the interests of the public, schools, students, and parents. Additionally, since paralegals have become an important part of education law enforcement and practice, several assignments will focus on practical paralegal work.

- **LAWU-365 Employment and Labor Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The nature of the employment relationship and an overview of constitutional and federal statutory provisions which affect the employment relationship will be studied. Particular emphasis on the Civil Rights Act, the Age Discrimination in Employment Act, and the Americans with Disabilities Act. Statutory provisions regarding benefits and employment-related entitlements will also be studied

- **LAWU-370 Immigration Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Study of the immigration and nationality laws of the United States focusing on the interplay of the administrative agencies which administer those laws: Justice Department, Labor Department, and State Department. Topics include the immigrant selection system; the issuance of non-immigrant visas; grounds for excluding aliens and waiver of excludability; grounds for removal; change of status, and refugee and asylum status. Special emphasis on the paralegal's role in representing and communicating sensitively with aliens.

- **LAWU-375 International Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

With the globalization of the world economy, legal professional and business people require knowledge of international law more than ever. This course offers students a survey of selected materials in public international law. Covered will be the practical and theoretical issues of international law, from the Law of the Sea to business implications to definitions of war and international concepts of justice.

- **PHIL-318 Philosophy of Law**

Prerequisites:

Prerequisite: One course in Philosophy or Instructor's consent

Credits:

4.00

Description:

Readings may include a range of classical authors, such as Plato and Aquinas, as well as the works of such 20th-century legal philosophers as H.L.A. Hart, Dworkin and Rawls. Also included may be leading jurists such as Oliver Wendell Holmes and Learned Hand. Issues discussed may include the nature of law, its relation to justice, and how the legal system should operate to arrive at just decisions. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

- **SOC-210 Juvenile Justice and the Law**

Credits:

4.00

Description:

Considers the problems surrounding the legal definition and handling of juveniles who confront the law as offenders, clients and victims. Attention is devoted to the study of the special legal categories and procedures established for juveniles, the problems facing professionals providing juvenile services and the most significant directions of legal and social change affecting youth in our society. Normally offered every year. Fulfills the Sociology Department's Social Policy requirement.

- **SOC-234 Crime and Justice in American Society**

Credits:

4.00

Description:

An overview of issues and social variables involved in the pre-arrest and arrest stages followed by a more in-depth analysis of pre-trial, trial, sentencing, and correctional phases. Sociological and criminal justice models are examined and compared with the actual processes and purported functions of criminal justice agencies. Required for all majors in the Crime and Justice Concentration.

Term:

Offered Both Fall and Spring

- **SOC-242 Law, Health & Human Rights**

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

Term:

Occasional

- **SOC-301 Sociology of Law**

Credits:

4.00

Description:

Law and legal systems are examined in contemporary society. Emphasis is placed on the manner in which legal structures and processes interact with other social arrangements and are transformed over time.

- **SOC-332 Restorative Justice**

Credits:

4.00

Description:

The purpose of this course is to introduce students to the principles of restorative justice and to examine the programs, practices and policies within schools, juvenile justice and the adult criminal justice system which implement a restorative practices. Restorative justice is a different philosophy of responding to harm which provides new roles for the victim, offender, community and professionals . We will compare a restorative approach to crime with the traditional system of discipline and crime control and critique the shortcomings of an adversarial or retributive response to criminal behavior. We will explore the theoretical and historical origins of traditional justice systems and restorative approaches. We will also examine how these ideas are being applied in practical partnerships between the justice system and the community here in the United States and around the world.

- **SOC-347 Immigration Law and Policy**

Prerequisites:

Prerequisite: SOC 113 or SOC 116 OR Instructor's consent

Credits:

4.00

Description:

This course examines U.S. Immigration legislation and policies, focusing on how and why various immigration laws and policies have been established and implemented throughout history. We will address the intersection between immigration policy and race, ethnicity, nationality and socioeconomic status, as well as explore the effects that immigration laws have had on various immigrant groups and society in general.

Term:

Occasional

Choose an additional course from Group 1 or one from Elective Group 2:

- **ADPR-235 Argument and Advocacy**

Credits:

4.00

Description:

Modern applications of argument in political, social, and legal situations. Emphasis on development of arguments, analysis, use of evidence, and delivery of oral and written assignments.

Term:

Offered Fall Term

- **ADPR-245 Forensics**

Credits:

1.00- 8.00

Description:

Intensive research on topics in debate and active participation in the University forensics program. ECR

Term:

Offered Spring Term

- **BLE-214 Principles of Business Law**

Credits:

3.00

Description:

Introduces the field of business law. Provides an overview of the organization and operation of the American legal system, court system and legal procedure. Examines selected business law topics such as contracts, torts, criminal law, agency, and business organizations. Attention is given to the ways in which business law manifests important social and ethical precepts.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **BLE-316 How to Insulate Your Business Against Lawsuits**

Prerequisites:

BLE 214

Credits:

3.00

Description:

One of the greatest threats to business is the potential for litigation. Lawsuits can seriously hurt profits and even lead to bankruptcy. Even when businesses win in court, they still lose, what with the cost of the legal defense and the possibility of adverse publicity and decreased consumer confidence. Managers need to know how to avoid the potential for litigation and be aware of the areas of their business that provide the greatest risks to their enterprise. This course covers common ways in which businesses can protect themselves from common lawsuits ranging from product defects to environmental and worker safety to employee discrimination and harassment. Students will learn how to establish systems that will put their companies ahead legally.

Term:

Offered Fall Term

• **BLE-317 Managing in the Global Legal Environment**

Prerequisites:

BLE 214

Credits:

3.00

Description:

Surveys the global legal environment of business. Emphasizes case analysis of topics such as: sovereignty, extraterritoriality, treaties, international contracts, arbitration, and the European Union. Explores the managerial and economic significance of these topics.

Term:

Offered Both Fall and Spring

Type:

- **CJN-239 Media Law**

Credits:

4.00

Description:

Explores the legal rights, responsibilities, and constraints on the media and on media professionals. Focus on defamation, copyright, obscenity, broadcast regulation, and media-related tort law.

Term:

Offered Both Fall and Spring

- **FS-103 Introduction to Forensic Science**

Prerequisites:

FS-L103

Credits:

3.00

Description:

Application of the principles of forensic science in evaluating physical evidence, with emphasis on its role in criminal investigation. Class experiences may include guest lectures and field trips. 3-hour lecture. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **FS-L103 Introduction to Forensic Science Lab**

Prerequisites:

FS 103 concurrently

Credits:

1.00

Description:

Laboratory experiences related to the collection and analysis of physical evidence as performed by forensic science professionals. Experiments may include forensic microscopy, drug analysis, forensic serology, physical patterns, fingerprint and firearm evidence analysis techniques. 3-hour laboratory. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **GVT-245 Courts, Public Policy, and Legal Research**

Credits:

4.00

Description:

This course examines the public policy-making role of the court system and examines questions such as whether and how courts can spur political and social reform. The direct and secondary effects of key court decisions will be examined. Case studies may focus on issues like civil rights and pro-choice court cases and political activism. The course will also examine the basics of policy-related legal research.

- **GVT-247 Intellectual Property- Authors, Inventors, & Brands**

Prerequisites:

GPA at least 3.3

Credits:

4.00

Description:

Are Neanderthal genes patentable? May a fan write Harry Potter 8? Could Amazon.com shut down Amazon Books, a women's bookstore? Is there copyright in a student's class paper? Why does so much copyrighted stuff stay up on YouTube? Can a video game company own its employees' ideas? This friendly, interactive introduction to intellectual property gives the lay of the land, covering the fundamental pillars of copyrights, patents, trademarks, and trade secret, and more far-reaching topics like international and internet intellectual property, and indigenous people and IP. The course is open to all majors, because it is relevant to anyone who deals with creative works, inventions, discoveries, or business. This undergraduate course will be taught at the Suffolk Law School by a member of its faculty. To register students must have a GPA of 3.3 or permission of the instructor. There will be several quizzes and a final exam.

Type:

Arts Admin Minor Elective

- **GVT-334 Law, Food, Tobacco, Politics & Corporations**

Credits:

4.00

Description:

Corporations, which are one of the dominant institutions of the early 21st century, are driven not by the public good, but by the profit motive. Decisions made by two industries dominated by corporations, the food industry and the tobacco industry, have a tremendous negative impact on America's public health. What, if anything, can be done to counteract the harm caused by Fast Food & Big Tobacco?

- **GVT-340 Moot Court**

Credits:

4.00

Description:

Moot Court consists of simulated arguments in front of the Supreme Court of the United States. Students brief approximately 20 Supreme Court cases and apply them to a hypothetical case before the Court. Students form written and oral arguments based on two constitutional questions in the hypothetical. Two person teams will develop legal oral arguments in favor of their clients. Students learn how to compose written briefs, develop a knowledge of case law, learn how to effectively respond to questioning, and develop forensic skills, and courtroom demeanor. Moot Court is a great preparation course for undergraduate students planning to attend law school.

- **GVT-463 International Legal Systems**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This course explains the main components of the international legal system. It begins by exploring the rules, principles and norms that govern the relationship among states, the different cultural and philosophical legal perspectives and the history of the international legal system. The second part of the course covers the study of the sources and subjects of the international law, the jurisdiction of states, the peaceful settlement of disputes, the use of force and the legal personality of international actors. The third part of the course addresses a number of significant topics derived from the process of globalization legal norms: human rights, humanitarian intervention, law of the sea, environmental law, and economic relations.

- **LAWU-265 Law and Ethics**

Credits:

4.00

Description:

Ethical issues are central in law for lawyers, paralegals, judges, jurors and anyone working within or touched by the legal system. This course examines philosophical questions, practical issues, and social theories of law, primarily through the use of legal materials, to analyze legal ethical theory. The course considers how major theories are characterized within the American legal system, including the presumption of innocence, due process guarantees, the right to counsel, and other fundamental legal concepts. Normally offered alternate years.

- **LAWU-270 Technology and the Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The role of computers and software in the law office as it affects the paralegal Lectures and hands-on applications will focus on the changing technology of computer hardware through fact scenarios that students will use to track changes from introduction to resolution in litigation. Focus on software applications involving word processing, spreadsheets, billing, diary and scheduling, research, and use of the Internet.

- **LAWU-325 Wills and Probate**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

State laws affect the disposition of an individual's estate at death, and upon death, the estate must be probated in court. Focus on estate information gathering, drafting of wills, and the probate of estates for those with and without wills. Emphasis on the role of the paralegal in a law office handling wills and probate.

- **LAWU-330 Real Estate Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

This course will present common law real estate principles and the effect of federal agencies on the buying and selling of real property. Sample forms including leases, purchase and sale agreements, and closing forms are reviewed and drafted.

- **LAWU-335 Torts: Personal Injury Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Many civil suits arise when the negligence of an individual creates injury to another. Elements of negligence law and specific types of cases such as automobile accidents and medical malpractice will be studied, with an emphasis on practical aspects of drafting and research for the prospective paralegal.

- **LAWU-350 Intellectual Property**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

A survey of the law of the protection of ideas, trade secrets, inventions, artistic creations, and reputation. The course will briefly review the bases for patent, trademark, copyright and trade secret protection, the distinction among the various forms of intellectual property, and the statutory and common law methods of enforcing rights.

- **LAWU-355 Corporate Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Corporations are unique business entities and specialized citizens of the state. This course will examine the special rules for establishing and maintaining a corporation, including the nature of corporations and their legal relationships with governments, individuals, and other business entities. Students will learn about the role of paralegals in corporate law offices, including document management and production, corporate litigation processes, and maintaining corporate compliance.

- **LAWU-360 Administrative Law and Worker's Compensation**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Federal and state administrative agencies such as FTC, NLRB, and EEOC are extensive sources of law. Familiarity with these agencies is useful in many areas where a paralegal might work. Additionally, Worker's Compensation law is uniquely suited to assist the student in acquiring a practical understanding of the administrative law area, and its legal, administrative, economic, and social foundations will be studied.

- **LAWU-410 Advanced Legal Litigation and Trial Practice**

Prerequisites:

ALS 362 or LAW 210, or permission of instructor

Credits:

4.00

Description:

Building on the skills introduced in LAW 221, Litigation, this course will provide a thorough study of the rules of evidence, the process of discovery, and the preparation of a case for a trial, as well as the roles of arbitration, mediation, and negotiation in litigation and other legal disputes. Theory will be combined with practical applications for prospective paralegals, such as deposition abstracting, gathering and preserving evidence, and techniques on how to prepare a case for ADR.

- **LAWU-510 Independent Study**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Individual program of reading and research on an approved topic under the supervision of a member of the department. Only for qualified juniors or seniors. Offered every semester.

- **PHIL-212 Formal Logic**

Credits:

4.00

Description:

An introduction to formal (or semi-formal) study of the basic types of deductive arguments (propositional and syllogistic logic). 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Quantitative Analysis

Capstone Course (1 course, 4 credits)

- **LAWU-521 Paralegal Internship**

Prerequisites:

Senior standing and at least 15 hours of paralegal courses, or instructor's permission.

Credits:

4.00

Description:

A one-semester internship in either a law office, a governmental agency, insurance company, or a for-profit or non-profit corporation, depending on the positions available during each semester. Once a week seminars will discuss such topics as ethical considerations in a law office, experiences gained as a paralegal interns, and seeking paralegal employment. For specific placements/information, students must contact the Director of Paralegal Studies prior to the start of each semester. Prerequisites: Senior status and at least 15 hours of Paralegal Studies or permission of instructor.

Note: Both the BA and the BS in Law include all requirements to complete the Certificate in Paralegal Studies. Thus, Law majors cannot apply to the Certificate program.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Law

Course descriptions may be updated periodically to reflect changes since the last published catalog.

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- [Law Courses](#)

Minor Requirements: 5 courses, 18-20 credits

The minor in law program consists of five courses: three required courses and two electives, for a total of 18-20 credits. Students are encouraged to take the required courses as early in their studies as possible and to review prerequisites for upper level courses.

Required Courses (3 courses, 12 credits)

- GVT-225 U.S. Constitutional Law & Civil Liberties

Credits:

4.00

Description:

This course examines a range of contemporary issues introducing students to the U.S. Constitution and the fundamental concepts of constitutional law. Students discuss and analyze topics including separation of powers, federalism, freedom of speech, the death penalty, gun control, and civil rights. We will explore current constitutional challenges and their relationship to law and society.

- **LAWU-201 Introduction to Law**

Credits:

4.00

Description:

This course provides an introductory overview of the American legal system, legal reasoning, and the legal profession. Students will learn about the structure of the federal government and the relation between state and federal systems, with a focus on the courts and the litigation process. Students will read primary legal materials such as judicial opinions and statutes and will complete assignments that provide opportunities to engage in legal reasoning, analysis, argument, and research. The course will also provide theoretical perspectives on the role of law in society, as well as a brief look at the legal profession and the work that lawyers do.

Choose one additional LAWU course.

Electives (2 courses, 6-8 credits)

Choose two courses from the following list:

- **BLE-321 Corporate Crime and Financial Fraud**

Credits:

3.00

Description:

Presents an in-depth study of corporate crime and financial fraud. Examines accounting devices and schemes employed to defraud stakeholders, failure of industry watchdogs, and the regulatory and legislative environment. Topics include: corporate governance, corporate finance, corporate compliance programs, ethical misconduct by outside legal, accounting, investment and banking professionals, Sarbanes Oxley Act, Foreign Corrupt Practices Act, Organizational Sentencing guidelines, mail fraud, wire fraud, money laundering, conspiracy, securities violations, qui tam litigation (whistleblowers) and financial accounting crimes.

- **GVT-335 Law, Politics and Public Health**

Credits:

4.00

Description:

Law is one of the primary tools used to protect public health in the United States. This course will use various case studies (tobacco industry, food industry, health care policy, etc.) to explore innovative uses of the law in diverse areas related to public health. Students will learn about the ways in which attorneys, public officials, politicians, and public health practitioners work together to make public health policy. Normally offered alternate years.

- **GVT-361 Voting Rights and Election Law**

Credits:

4.00

Description:

How do laws governing the political process affect and impact political power relationships? This course investigates topics including redistricting, the right to vote, voter turnout and mobilization, election administration, the Voting Rights Act, and political parties. Students will have a choice of either serving as poll workers during the November election or organizing and conducting research of potential voters. Students will gain hands-on experience in actual research design, election administration, and non-partisan get-out-the-vote activities. In addition, students will gain a deeper understanding of the relationship between attitudes, opinion, and voting behavior in American politics and institutions.

- **LAWU-260 Criminal Law**

Credits:

4.00

Description:

This course examines criminal law in the United States from a broad perspective. It will present the general principles and doctrines that affect the whole criminal law, such as elements of criminal offenses, defenses to crime, and perspectives on crime and criminal law. In addition, students will learn the elements of specific crimes, such as homicide, criminal sexual conduct, terrorism and related crimes, crimes against public morals, and crimes against property. Discussions of the direction of the criminal law and constitutional limitations on government will be presented as preparation for future study.

- **LAWU-280 Domestic Violence, Abuse and Neglect**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

An opportunity to learn the history of domestic violence including battering, child abuse and child neglect, and the legal response to it. Focus will be on Massachusetts Law and its response, especially the Abuse Prevention Act, its application and enforcement, and on laws protecting children from abuse and neglect. Filings, law office issues and special issues in dealing with battered women and abused and neglected children will be included with the psychological issues, cultural issues, and advocacy possibilities. Normally offered yearly. Sophomore status required. Cultural Diversity A

- **LAWU-340 Family Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Family law includes marriage, divorce, support, custody, property division, and abuse prevention petitions. Essentially an area of state law, it is often the backbone of general practice law firms. The role of paralegals in a family law office will be studied.

- **LAWU-345 Education Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

This course provides a basic overview of key issues in contemporary education law and policy. Relevant local, state, and federal laws will be reviewed as well as education policy issues, including civil rights, student safety and discipline. This course will also cover the core educational entitlements granted to all students with disabilities in the public education system. It will focus on the substantive legal protections designed to ensure that students with disabilities receive a Free and Appropriate Public Education, and on the various procedural protections for students and parents. The course will cover major federal legislation such as the IDEA, ADA and Section 504, as well as major Supreme Court and other important cases. The course will cover fundamental legal issues balancing the interests of the public, schools, students, and parents. Additionally, since paralegals have become an important part of education law enforcement and practice, several assignments will focus on practical paralegal work.

- **LAWU-365 Employment and Labor Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The nature of the employment relationship and an overview of constitutional and federal statutory provisions which affect the employment relationship will be studied. Particular emphasis on the Civil Rights Act, the Age Discrimination in Employment Act, and the Americans with Disabilities Act. Statutory provisions regarding benefits and employment-related entitlements will also be studied

- **LAWU-370 Immigration Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Study of the immigration and nationality laws of the United States focusing on the interplay of the administrative agencies which administer those laws: Justice Department, Labor Department, and State Department. Topics include the immigrant selection system; the issuance of non-immigrant visas; grounds for excluding aliens and waiver of excludability; grounds for removal; change of status, and refugee and asylum status. Special emphasis on the paralegal's role in representing and communicating sensitively with aliens.

- **LAWU-375 International Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

With the globalization of the world economy, legal professional and business people require knowledge of international law more than ever. This course offers students a survey of selected materials in public international law. Covered will be the practical and theoretical issues of international law, from the Law of the Sea to business implications to definitions of war and international concepts of justice.

- **PHIL-318 Philosophy of Law**

Prerequisites:

Prerequisite: One course in Philosophy or Instructor's consent

Credits:

4.00

Description:

Readings may include a range of classical authors, such as Plato and Aquinas, as well as the works of such 20th-century legal philosophers as H.L.A. Hart, Dworkin and Rawls. Also included may be leading jurists such as Oliver Wendell Holmes and Learned Hand. Issues discussed may include the nature of law, its relation to justice, and how the legal system should operate to arrive at just decisions. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

- **SOC-210 Juvenile Justice and the Law**

Credits:

4.00

Description:

Considers the problems surrounding the legal definition and handling of juveniles who confront the law as offenders, clients and victims. Attention is devoted to the study of the special legal categories and procedures established for juveniles, the problems facing professionals providing juvenile services and the most significant directions of legal and social change affecting youth in our society. Normally offered every year. Fulfills the Sociology Department's Social Policy requirement.

- **SOC-234 Crime and Justice in American Society**

Credits:

4.00

Description:

An overview of issues and social variables involved in the pre-arrest and arrest stages followed by a more in-depth analysis of pre-trial, trial, sentencing, and correctional phases. Sociological and criminal justice models are examined and compared with the actual processes and purported functions of criminal justice agencies. Required for all majors in the Crime and Justice Concentration.

Term:

Offered Both Fall and Spring

- **SOC-242 Law, Health & Human Rights**

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

Term:

Occasional

- **SOC-301 Sociology of Law**

Credits:

4.00

Description:

Law and legal systems are examined in contemporary society. Emphasis is placed on the manner in which legal structures and processes interact with other social arrangements and are transformed over time.

- **SOC-332 Restorative Justice**

Credits:

4.00

Description:

The purpose of this course is to introduce students to the principles of restorative justice and to examine the programs, practices and policies within schools, juvenile justice and the adult criminal justice system which implement a restorative practices. Restorative justice is a different philosophy of responding to harm which provides new roles for the victim, offender, community and professionals . We will compare a restorative approach to crime with the traditional system of discipline and crime control and critique the shortcomings of an adversarial or retributive response to criminal behavior. We will explore the theoretical and historical origins of traditional justice systems and restorative approaches. We will also examine how these ideas are being applied in practical partnerships between the justice system and the community here in the United States and around the world.

- **SOC-347 Immigration Law and Policy**

Prerequisites:

Prerequisite: SOC 113 or SOC 116 OR Instructor's consent

Credits:

4.00

Description:

This course examines U.S. Immigration legislation and policies, focusing on how and why various immigration laws and policies have been established and implemented throughout history. We will address the intersection between immigration policy and race, ethnicity, nationality and socioeconomic status, as well as explore the effects that immigration laws have had on various immigrant groups and society in general.

Term:

Occasional

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Students desiring to obtain a degree in two years may pursue an Associate of Science in Paralegal Studies (A.S.P.S.). Students must complete eight courses (32 credits) in their major and the required courses for the chosen degree. Of those eight courses, students must take five required courses and may choose three of the advanced Law electives offered. One of those electives may be an internship working as a paralegal (LAWU-521) after the student has completed at least 15 hours of Law coursework.

In their first year, students are encouraged to take only required courses, and should note that **LAWU-260 and LAWU-265 are not classes that can count toward a Law requirement for the associate's degree.**

Transfer students working toward an associate's degree must take five Law courses at Suffolk.

For a list of required and elective courses, see the Certificate tab.



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The Certificate in Paralegal Studies program consists of six 4-credit courses: five required courses and one elective, for a total of 24 credits. Students are encouraged to take the required courses as early in their studies as possible.

Please note that LAWU-301, Legal Research and Writing I, is only guaranteed to be offered in the fall, and LAWU-401, Legal Research and Writing II, is only guaranteed to be offered in the spring. Students should also note that LAWU-260 and LAWU-265 are not classes that can count toward the certificate. Certificate students must achieve a GPA of at least 2.0 in their LAWU classes in order to receive a certificate.

Undergraduate Suffolk University students must apply to receive a Paralegal Certificate. Applications for the Paralegal Certificate must be completed during the first semester of the senior year. The application may be completed online through [Undergraduate Admissions](#). Suffolk University students may take courses toward the certificate prior to entry into the program. Please note that students who are enrolled in the Bachelor's Degree in Applied Legal Studies or Bachelor's Degree in Law programs are not eligible to receive the Paralegal Certificate.

It is strongly advised that students interested in the Paralegal Certificate see an advisor as early as possible to plan accordingly.

Certificate Requirements: 6 courses, 24 credits

Required Courses (5 courses, 20 credits)

- **LAWU-101 Ethics and Legal Practice Skills**

Credits:

4.00

Description:

Introduces the student to the responsibilities of paralegals and to the culture of the legal profession. Topics include the development of paralegalism as a profession, the definition of the practice of law, ethical considerations, interviewing techniques, legal research, law office management, and client relationships. Normally offered each semester.

- **LAWU-211 Litigation**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each semester.

- **LAWU-221 Law of Contracts**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The existence and validity of a contract is determined by specific rules. Students will learn about formation through offer and acceptance, contract enforceability, the necessity of consideration, and breach of contract and will draft contract provisions as a paralegal might in a law office. Normally offered each semester. Sophomore status required.

- **LAWU-301 Legal Research and Writing I**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

How to use the law library, perform legal research, write legal analysis in memorandum form, and use computers as a research tool. Initial focus is on learning how to find legal materials, including federal and state case law, statutory law, and administrative law. Use of finding tools such as digests, encyclopedias, and CALR will be studied, as will shepardizing. Focus also on legal writing, from letters through case analysis. Normally offered fall semester. Sophomore Status Required

- **LAWU-401 Legal Research and Writing II**

Prerequisites:

ALS-361 OR LAWU-301

Credits:

4.00

Description:

Building on the skills in LAW 301 - Legal Research & Writing I, this course continues the focus on learning how to find legal materials and how to summarize research results. Writing skills will be strengthened through various exercises and revisions. Skill development in legal analysis, writing legal memoranda, and using computer assisted legal research with Westlaw and Lexis will be emphasized.

Elective (1 course, 4 credits)

Choose one of the following:

- **LAWU-270 Technology and the Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The role of computers and software in the law office as it affects the paralegal Lectures and hands-on applications will focus on the changing technology of computer hardware through fact scenarios that students will use to track changes from introduction to resolution in litigation. Focus on software applications involving word processing, spreadsheets, billing, diary and scheduling, research, and use of the Internet.

- **LAWU-280 Domestic Violence, Abuse and Neglect**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

An opportunity to learn the history of domestic violence including battering, child abuse and child neglect, and the legal response to it. Focus will be on Massachusetts Law and its response, especially the Abuse Prevention Act, its application and enforcement, and on laws protecting children from abuse and neglect. Filings, law office issues and special issues in dealing with battered women and abused and neglected children will be included with the psychological issues, cultural issues, and advocacy possibilities. Normally offered yearly. Sophomore status required. Cultural Diversity A

- **LAWU-325 Wills and Probate**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

State laws affect the disposition of an individual's estate at death, and upon death, the estate must be probated in court. Focus on estate information gathering, drafting of wills, and the probate of estates for those with and without wills. Emphasis on the role of the paralegal in a law office handling wills and probate.

- **LAWU-330 Real Estate Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

This course will present common law real estate principles and the effect of federal agencies on the buying and selling of real property. Sample forms including leases, purchase and sale agreements, and closing forms are reviewed and drafted.

- **LAWU-335 Torts: Personal Injury Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Many civil suits arise when the negligence of an individual creates injury to another. Elements of negligence law and specific types of cases such as automobile accidents and medical malpractice will be studied, with an emphasis on practical aspects of drafting and research for the prospective paralegal.

- **LAWU-340 Family Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Family law includes marriage, divorce, support, custody, property division, and abuse prevention petitions. Essentially an area of state law, it is often the backbone of general practice law firms. The role of paralegals in a family law office will be studied.

- **LAWU-345 Education Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

This course provides a basic overview of key issues in contemporary education law and policy. Relevant local, state, and federal laws will be reviewed as well as education policy issues, including civil rights, student safety and discipline. This course will also cover the core educational entitlements granted to all students with disabilities in the public education system. It will focus on the substantive legal protections designed to ensure that students with disabilities receive a Free and Appropriate Public Education, and on the various procedural protections for students and parents. The course will cover major federal legislation such as the IDEA, ADA and Section 504, as well as major Supreme Court and other important cases. The course will cover fundamental legal issues balancing the interests of the public, schools, students, and parents. Additionally, since paralegals have become an important part of education law enforcement and practice, several assignments will focus on practical paralegal work.

- **LAWU-350 Intellectual Property**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

A survey of the law of the protection of ideas, trade secrets, inventions, artistic creations, and reputation. The course will briefly review the bases for patent, trademark, copyright and trade secret protection, the distinction among the various forms of intellectual property, and the statutory and common law methods of enforcing rights.

• **LAWU-355 Corporate Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Corporations are unique business entities and specialized citizens of the state. This course will examine the special rules for establishing and maintaining a corporation, including the nature of corporations and their legal relationships with governments, individuals, and other business entities. Students will learn about the role of paralegals in corporate law offices, including document management and production, corporate litigation processes, and maintaining corporate compliance.

• **LAWU-365 Employment and Labor Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The nature of the employment relationship and an overview of constitutional and federal statutory provisions which affect the employment relationship will be studied. Particular emphasis on the Civil Rights Act, the Age Discrimination in Employment Act, and the Americans with Disabilities

Act. Statutory provisions regarding benefits and employment-related entitlements will also be studied

- **LAWU-370 Immigration Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Study of the immigration and nationality laws of the United States focusing on the interplay of the administrative agencies which administer those laws: Justice Department, Labor Department, and State Department. Topics include the immigrant selection system; the issuance of non-immigrant visas; grounds for excluding aliens and waiver of excludability; grounds for removal; change of status, and refugee and asylum status. Special emphasis on the paralegal's role in representing and communicating sensitively with aliens.

- **LAWU-375 International Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

With the globalization of the world economy, legal professional and business people require knowledge of international law more than ever. This course offers students a survey of selected materials in public international law. Covered will be the practical and theoretical issues of international law, from the Law of the Sea to business implications to definitions of war and international concepts of justice.

- **LAWU-410 Advanced Legal Litigation and Trial Practice**

Prerequisites:

ALS 362 or LAW 210, or permission of instructor

Credits:

4.00

Description:

Building on the skills introduced in LAW 221, Litigation, this course will provide a thorough study of the rules of evidence, the process of discovery, and the preparation of a case for a trial, as well as the roles of arbitration, mediation, and negotiation in litigation and other legal disputes. Theory will be combined with practical applications for prospective paralegals, such as deposition abstracting, gathering and preserving evidence, and techniques on how to prepare a case for ADR.

- **LAWU-521 Paralegal Internship**

Prerequisites:

Senior standing and at least 15 hours of paralegal courses, or instructor's permission.

Credits:

4.00

Description:

A one-semester internship in either a law office, a governmental agency, insurance company, or a for-profit or non-profit corporation, depending on the positions available during each semester. Once a week seminars will discuss such topics as ethical considerations in a law office, experiences gained as a paralegal interns, and seeking paralegal employment. For specific placements/information, students must contact the Director of Paralegal Studies prior to the start of each semester. Prerequisites: Senior status and at least 15 hours of Paralegal Studies or permission of instructor.



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View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Paralegal Studies](#).



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- LAWU-101 Ethics and Legal Practice Skills

Credits:

4.00

Description:

Introduces the student to the responsibilities of paralegals and to the culture of the legal profession. Topics include the development of paralegalism as a profession, the definition of the practice of law, ethical considerations, interviewing techniques, legal research, law office management, and client relationships. Normally offered each semester.

- LAWU-201 Introduction to Law

Credits:

4.00

Description:

This course provides an introductory overview of the American legal system, legal reasoning, and the legal profession. Students will learn about the structure of the federal government and the relation between state and federal systems, with a focus on the courts and the litigation process. Students will read primary legal materials such as judicial opinions and statutes and will complete assignments that provide opportunities to engage in legal reasoning, analysis, argument, and research. The course will also provide theoretical perspectives on the role of law in society, as well as a brief look at the legal profession and the work that lawyers do.

• LAWU-211 Litigation

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each semester.

• LAWU-221 Law of Contracts

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The existence and validity of a contract is determined by specific rules. Students will learn about formation through offer and acceptance, contract enforceability, the necessity of consideration, and breach of contract and will draft contract provisions as a paralegal might in a law office. Normally

offered each semester. Sophomore status required.

- **LAWU-260 Criminal Law**

Credits:

4.00

Description:

This course examines criminal law in the United States from a broad perspective. It will present the general principles and doctrines that affect the whole criminal law, such as elements of criminal offenses, defenses to crime, and perspectives on crime and criminal law. In addition, students will learn the elements of specific crimes, such as homicide, criminal sexual conduct, terrorism and related crimes, crimes against public morals, and crimes against property. Discussions of the direction of the criminal law and constitutional limitations on government will be presented as preparation for future study.

- **LAWU-265 Law and Ethics**

Credits:

4.00

Description:

Ethical issues are central in law for lawyers, paralegals, judges, jurors and anyone working within or touched by the legal system. This course examines philosophical questions, practical issues, and social theories of law, primarily through the use of legal materials, to analyze legal ethical theory. The course considers how major theories are characterized within the American legal system, including the presumption of innocence, due process guarantees, the right to counsel, and other fundamental legal concepts. Normally offered alternate years.

- **LAWU-270 Technology and the Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The role of computers and software in the law office as it affects the paralegal Lectures and hands-on applications will focus on the changing technology of computer hardware through fact scenarios that students will use to track changes from introduction to resolution in litigation. Focus on software applications involving word processing, spreadsheets, billing, diary and scheduling, research, and use of the Internet.

- **LAWU-280 Domestic Violence, Abuse and Neglect**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

An opportunity to learn the history of domestic violence including battering, child abuse and child neglect, and the legal response to it. Focus will be on Massachusetts Law and its response, especially the Abuse Prevention Act, its application and enforcement, and on laws protecting children from abuse and neglect. Filings, law office issues and special issues in dealing with battered women and abused and neglected children will be included with the psychological issues, cultural issues, and advocacy possibilities. Normally offered yearly. Sophomore status required. Cultural Diversity A

- **LAWU-301 Legal Research and Writing I**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

How to use the law library, perform legal research, write legal analysis in memorandum form, and use computers as a research tool. Initial focus is on learning how to find legal materials, including federal and state case law, statutory law, and administrative law. Use of finding tools such as digests, encyclopedias, and CALR will be studied, as will shepardizing. Focus also on legal writing, from letters through case analysis. Normally offered fall semester. Sophomore Status Required

- **LAWU-310 Gender, Sexuality, and the Law**

Prerequisites:

Take LAWU-101 or LAWU-280 or LAWU-340

Credits:

4.00

Description:

This course will provide undergraduate students with an introduction to the many ways that gender and sexuality are affected by, and affect, the law in the United States. Subjects explored will include the history and context of sex-based and orientation-based discrimination in American law, the primacy of gender as it affects and is affected by law, and special cases of transgender and intersex ideation within American legal constructs. Particular emphasis will be placed on the law of sexuality and gender in the workplace, in education, in criminal law, and within social relationships such as families.

- **LAWU-325 Wills and Probate**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

State laws affect the disposition of an individual's estate at death, and upon death, the estate must be probated in court. Focus on estate information gathering, drafting of wills, and the probate of estates for those with and without wills. Emphasis on the role of the paralegal in a law office handling wills and probate.

- **LAWU-330 Real Estate Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

This course will present common law real estate principles and the effect of federal agencies on the buying and selling of real property. Sample forms including leases, purchase and sale agreements, and closing forms are reviewed and drafted.

- **LAWU-335 Torts: Personal Injury Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Many civil suits arise when the negligence of an individual creates injury to another. Elements of negligence law and specific types of cases such as automobile accidents and medical malpractice will be studied, with an emphasis on practical aspects of drafting and research for the prospective paralegal.

- **LAWU-340 Family Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Family law includes marriage, divorce, support, custody, property division, and abuse prevention petitions. Essentially an area of state law, it is often the backbone of general practice law firms. The role of paralegals in a family law office will be studied.

- **LAWU-345 Education Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

This course provides a basic overview of key issues in contemporary education law and policy. Relevant local, state, and federal laws will be reviewed as well as education policy issues, including civil rights, student safety and discipline. This course will also cover the core educational entitlements granted to all students with disabilities in the public education system. It will focus on the substantive legal protections designed to ensure that students with disabilities receive a Free and Appropriate Public Education, and on the various procedural protections for students and parents. The course will cover major federal legislation such as the IDEA, ADA and Section 504, as well as major Supreme Court and other important cases. The course will cover fundamental legal issues balancing the interests of the public, schools, students, and parents. Additionally, since paralegals have become an important part of education law enforcement and practice, several assignments will focus on practical paralegal work.

- **LAWU-350 Intellectual Property**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

A survey of the law of the protection of ideas, trade secrets, inventions, artistic creations, and reputation. The course will briefly review the bases for patent, trademark, copyright and trade secret protection, the distinction among the various forms of intellectual property, and the statutory and common law methods of enforcing rights.

- **LAWU-355 Corporate Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Corporations are unique business entities and specialized citizens of the state. This course will examine the special rules for establishing and maintaining a corporation, including the nature of corporations and their legal relationships with governments, individuals, and other business entities. Students will learn about the role of paralegals in corporate law offices, including document management and production, corporate litigation processes, and maintaining corporate compliance.

- **LAWU-360 Administrative Law and Worker's Compensation**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Federal and state administrative agencies such as FTC, NLRB, and EEOC are extensive sources of law. Familiarity with these agencies is useful in many areas where a paralegal might work. Additionally, Worker's Compensation law is uniquely suited to assist the student in acquiring a practical understanding of the administrative law area, and its legal, administrative, economic, and social foundations will be studied.

- **LAWU-365 Employment and Labor Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The nature of the employment relationship and an overview of constitutional and federal statutory provisions which affect the employment relationship will be studied. Particular emphasis on the Civil Rights Act, the Age Discrimination in Employment Act, and the Americans with Disabilities Act. Statutory provisions regarding benefits and employment-related entitlements will also be studied

- **LAWU-370 Immigration Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Study of the immigration and nationality laws of the United States focusing on the interplay of the administrative agencies which administer those laws: Justice Department, Labor Department, and State Department. Topics include the immigrant selection system; the issuance of non-immigrant visas; grounds for excluding aliens and waiver of excludability; grounds for removal; change of status, and refugee and asylum status. Special emphasis on the paralegal's role in representing and communicating sensitively with aliens.

- **LAWU-375 International Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

With the globalization of the world economy, legal professional and business people require knowledge of international law more than ever. This course offers students a survey of selected materials in public international law. Covered will be the practical and theoretical issues of international law, from the Law of the Sea to business implications to definitions of war and international concepts of justice.

- **LAWU-401 Legal Research and Writing II**

Prerequisites:

ALS-361 OR LAWU-301

Credits:

4.00

Description:

Building on the skills in LAW 301 - Legal Research & Writing I, this course continues the focus on learning how to find legal materials and how to summarize research results. Writing skills will be strengthened through various exercises and revisions. Skill development in legal analysis, writing legal memoranda, and using computer assisted legal research with Westlaw and Lexis will be emphasized.

- **LAWU-410 Advanced Legal Litigation and Trial Practice**

Prerequisites:

ALS 362 or LAW 210, or permission of instructor

Credits:

4.00

Description:

Building on the skills introduced in LAW 221, Litigation, this course will provide a thorough study of the rules of evidence, the process of discovery, and the preparation of a case for a trial, as well as the roles of arbitration, mediation, and negotiation in litigation and other legal disputes. Theory will be combined with practical applications for prospective paralegals, such as deposition abstracting, gathering and preserving evidence, and techniques on how to prepare a case for ADR.

- **LAWU-510 Independent Study**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Individual program of reading and research on an approved topic under the supervision of a member of the department. Only for qualified juniors or seniors. Offered every semester.

- **LAWU-521 Paralegal Internship**

Prerequisites:

Senior standing and at least 15 hours of paralegal courses, or instructor's permission.

Credits:

4.00

Description:

A one-semester internship in either a law office, a governmental agency, insurance company, or a for-profit or non-profit corporation, depending on the positions available during each semester. Once a week seminars will discuss such topics as ethical considerations in a law office, experiences gained as a paralegal interns, and seeking paralegal employment. For specific placements/information, students must contact the Director of Paralegal Studies prior to the start of each semester. Prerequisites: Senior status and at least 15 hours of Paralegal Studies or permission of instructor.

- **LAWU-530 Working With Domestic Violence Survivors**

Prerequisites:

Take LAWU-280; Junior standing or higher

Credits:

4.00

Description:

This course will provide undergraduate students with an opportunity to learn the history of domestic violence and the legal and non-legal responses to domestic violence-related issues. The course will also provide opportunities to apply these lessons practically in working with law students from the Suffolk University Law School's Family Advocacy Clinic (FAC) who represent indigent domestic violence survivors as clients. Focus will be on Massachusetts law (especially the Abuse Prevention Act), its application and enforcement, and the effects of domestic violence in the context of family law cases such as divorce, paternity, custody, and child support. This course is intended not only to instruct students about the law of domestic violence but also as a practical, hands-on experience in assisting clients in obtaining and enforcing 209A restraining orders and/or addressing these

issues within Family Law proceedings in cooperation with the FAC, specifically Christine Butler and Maritza Karmely. Guest speakers will provide further insight from the perspectives of criminal proceedings involving domestic violence, batterers' intervention programs and shelters for survivors and their children. In addition, students will be required to analyze the causes and patterns of domestic violence and multi-disciplinary responses to these as set forth in the opinions of various writers.

- **ALS-264 Introduction to Law and Legal System**

Credits:

4.00

Description:

Introduction to civil, criminal and constitutional law, with special focus on procedural law and the federal and state court systems. Limitations of the courts, forms of remedies, the law of equity and institutional sources of American law will also be studied. Introduction to judicial cases and brief writing. Normally offered each semester.

- **ALS-265 Law and Ethics**

Credits:

4.00

Description:

Ethical issues are central in law for lawyers, paralegals, judges, jurors and anyone working within or touched by the legal system. This course examines philosophical questions, practical issues, and social theories of law, primarily through the use of legal materials, to analyze legal ethical theory. The course considers how major theories are characterized within the American legal system, including the presumption of innocence, due process guarantees, the right to counsel, and other fundamental legal concepts. Normally offered alternate years.

- **ALS-266 Criminal Law**

Credits:

4.00

Description:

This course examines criminal law in the United States from a broad perspective. It will present the general principles and doctrines that affect the whole criminal law, such as elements of criminal offenses, defenses to crime, and perspectives on crime and criminal law. In addition, students will learn the elements of specific crimes, such as homicide, criminal sexual conduct, terrorism and related crimes, crimes against public morals, and crimes against property. Discussions of the direction of the criminal law and constitutional limitations on government will be presented as preparation for future study.

- **ALS-360 Fundamentals of Paralegal Practice**

Credits:

4.00

Description:

Introduces the student to the responsibilities of paralegals and to the culture of the legal profession. Topics include the development of paralegalism as a profession, the definition of the practice of law, ethical considerations, interviewing techniques, legal research, law office management, and client relationships. Normally offered each semester.

- **ALS-361 Legal Research & Writing I**

Credits:

4.00

Description:

How to use the law library, perform legal research, write legal analysis in memorandum form, and use computers as a research tool. Initial focus is on learning how to find legal materials, including federal and state case law, statutory law, and administrative law. Use of finding tools such as digests, encyclopedias, and CALR will be studied, as will Shepardizing. Focus also on legal writing, from letters through case analysis. Normally offered fall semester. Sophomore Status Required

- **ALS-362 Litigation**

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each semester.

- **ALS-363 Law of Contracts**

Credits:

4.00

Description:

The existence and validity of a contract is determined by specific rules. Students will learn about formation through offer and acceptance, contract enforceability, the necessity of consideration, and breach of contract and will draft contract provisions as a paralegal might in a law office. Normally offered each semester. Sophomore status required.

- **ALS-365 Wills and Probate**

Prerequisites:

Take ALS-264 or ALS-360 or Instructor's permission

Credits:

4.00

Description:

State laws affect the disposition of an individual's estate at death, and upon death, the estate must be probated in court. Focus on estate information gathering, drafting of wills, and the probate of estates for those with and without wills. Emphasis on the role of the paralegal in a law office handling wills and probate. Prerequisites: ALS 360 or 363 or permission of instructor. 1 term - 4 credits. Normally offered yearly.

- **ALS-366 Corporate Law**

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

Corporations are unique business entities and specialized citizens of the state. This course will examine the special rules for establishing and maintaining a corporation, including the nature of corporations and their legal relationships with governments, individuals, and other business entities. Students will learn about the role of paralegals in corporate law offices, including document management and production, corporate litigation processes, and maintaining corporate compliance. Normally offered alternate years.

- **ALS-368 Real Estate Law**

Credits:

4.00

Description:

This course will present common law real estate principles and the effect of federal agencies on the buying and selling of real property. Sample forms including leases, purchase and sale agreements, and closing forms are reviewed and drafted. Normally offered alternate years.

- **ALS-369 Family Law**

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

Family law includes marriage, divorce, support, custody, property division, and abuse prevention petitions. Essentially an area of state law, it is often the backbone of general practice law firms. The role of paralegals in a family law office will be studied. Normally offered yearly.

- **ALS-370 Administrative Law and Worker's Compensation**

Prerequisites:

Take ALS-360 or ALS-362

Credits:

4.00

Description:

Federal and state administrative agencies such as FTC, NLRB, and EEOC are extensive sources of law. Familiarity with these agencies is useful in many areas where a paralegal might work. Additionally, Worker's Compensation law is uniquely suited to assist the student in acquiring a practical understanding of the administrative law area, and its legal, administrative, economic, and social foundations will be studied. Normally offered alternate years.

- **ALS-373 Education Law**

Credits:

4.00

Description:

This course provides a basic overview of key issues in contemporary education law and policy. Relevant local, state, and federal laws will be reviewed as well as education policy issues, including civil rights, student safety and discipline. This course will also cover the core educational entitlements granted to all students with disabilities in the public education system. It will focus on the substantive legal protections designed to ensure that students with disabilities receive a Free and Appropriate Public Education, and on the various procedural protections for students and parents. The course will cover major federal legislation such as the IDEA, ADA and Section 504, as well as major Supreme Court and other important cases. The course will cover fundamental legal issues balancing the interests of the public, schools, students, and parents. Additionally, since paralegals have become an important part of education law enforcement and practice, several assignments will focus on practical paralegal work.

- **ALS-374 Torts: Personal Injury Law**

Credits:

4.00

Description:

Many civil suits arise when the negligence of an individual creates injury to another. Elements of negligence law and specific types of cases such as automobile accidents and medical malpractice will be studied, with an emphasis on practical aspects of drafting and research for the prospective paralegal. Normally offered yearly.

- **ALS-375 Technology and the Law**

Prerequisites:

Take ALS-362

Credits:

4.00

Description:

The role of computers and software in the law office as it affects the paralegal Lectures and hands-on applications will focus on the changing technology of computer hardware through fact scenarios that students will use to track changes from introduction to resolution in litigation. Focus on software applications involving word processing, spreadsheets, billing, diary and scheduling, research, and use of the Internet. Normally offered alternate years.

- **ALS-378 Advanced Litigation & Trial Practice**

Prerequisites:

ALS 362, or permission of instructor

Credits:

4.00

Description:

Building on the skills introduced in ALS 362, Civil Litigation, this course will provide a thorough study of the rules of evidence, the process of discovery, and the preparation of a case for a trial, as well as the roles of arbitration, mediation, and negotiation in litigation and other legal disputes. Theory will be combined with practical applications for prospective paralegals, such as deposition abstracting, gathering and preserving evidence, and techniques on how to prepare a case for ADR. Normally offered yearly.

- **ALS-381 Paralegal Internship**

Prerequisites:

Senior standing and at least 15 hours of paralegal courses, or instructor's permission.

Credits:

4.00

Description:

A one-semester internship in either a law office, a governmental agency, insurance company, or a for-profit or non-profit corporation, depending on the positions available during each semester. Once a week seminars will discuss such topics as ethical considerations in a law office, experiences gained as a paralegal interns, and seeking paralegal employment. For specific placements/information, students must contact the Director of Paralegal Studies prior to the start of each semester. Prerequisites: Senior status and at least 15 hours of Paralegal Studies or permission of instructor. 1 term - 4 credits. Normally offered spring and summer. ECR

- **ALS-383 Immigration Law**

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

Study of the immigration and nationality laws of the United States focusing on the interplay of the administrative agencies which administer those laws: Justice Department, Labor Department, and State Department. Topics include the immigrant selection system; the issuance of non-immigrant visas; grounds for excluding aliens and waiver of excludability; grounds for removal; change of status, and refugee and asylum status. Special emphasis on the paralegal's role in representing and communicating sensitively with aliens. Normally offered yearly.

- **ALS-384 Intellectual Property**

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

A survey of the law of the protection of ideas, trade secrets, inventions, artistic creations, and reputation. The course will briefly review the bases for patent, trademark, copyright and trade secret protection, the distinction among the various forms of intellectual property, and the statutory and common law methods of enforcing rights. Normally offered yearly.

- **ALS-385 Legal Research & Writing II**

Prerequisites:

Take ALS-361;

Credits:

4.00

Description:

Building on the skills in ALS 361 - Legal Research & Writing I, this course continues the focus on learning how to find legal materials and how to summarize research results. Writing skills will be strengthened through various exercises and revisions. Skill development in legal analysis, writing legal memoranda, and using computer assisted legal research with Westlaw and Lexis will be emphasized. Normally offered spring semester.

- **ALS-390 Employment & Labor Law**

Prerequisites:

Take ALS-264 or ALS-360; or instructor's permission

Credits:

4.00

Description:

The nature of the employment relationship and an overview of constitutional and federal statutory provisions that affect the employment relationship will be studied. Particular emphasis on the Civil Rights Act, the Age Discrimination in Employment Act, and the Americans with Disabilities Act. Statutory provisions regarding benefits and employment-related entitlements will also be studied. Normally offered yearly.

- **ALS-391 Domestic Violence, Abuse & Neglect**

Prerequisites:

Take ALS-264 or ALS-360; or instructor's permission

Credits:

4.00

Description:

An opportunity to learn the history of domestic violence including battering, child abuse and child neglect, and the legal response to it. Focus will be on Massachusetts Law and its response, especially the Abuse Prevention Act, its application and enforcement, and on laws protecting children from abuse and neglect. Filings, law office issues and special issues in dealing with battered women and abused and neglected children will be included with the psychological issues, cultural issues, and advocacy possibilities. Normally offered yearly. Sophomore status required. Cultural Diversity A

- **ALS-396 International Law**

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

With the globalization of the world economy, legal professional and business people require knowledge of international law more than ever. This course offers students a survey of selected materials in public international law. Covered will be the practical and theoretical issues of international law, from the Law of the Sea to business implications to definitions of war and international concepts of justice. Normally offered yearly.

- **ALS-510 Independent Study**

Prerequisites:

Instructor's consent required

Credits:

1.00- 4.00

Description:

Individual program of reading and research on an approved topic under the supervision of a member of the department. Only for qualified juniors or seniors. Offered every semester.



2017-2018 Archived Catalog Information

Mathematics

Course descriptions may be updated periodically to reflect changes since the last published catalog.

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Major Requirements: 15-16 courses, 50-54 credits

The major in Mathematics consists of the following required core courses plus ONE of the concentrations listed below:

Core Major Courses (9 courses, 30 credits)

- MATH-165 Calculus I

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-200 Modern Mathematics and Career Exploration**

Prerequisites:

Freshman or Sophomore Status

Credits:

1.00

Description:

This one credit course aims to help freshmen and sophomore students form an idea of the scope of the vast and rapidly growing field of mathematics and the many career options, and begin to map out steps toward a potential career path. Mathematics is a diverse discipline that is constantly evolving. It ranges from applied mathematics (tailored to specific real world problems), to mathematical physics (which crafts the mathematical basis for the understanding of physical phenomena), to pure mathematics (which is studied for its intrinsic interest). As the study of such varied concepts as quantity, structure, space and change, mathematics has something for everyone; and valuable applications to many other fields, from business and finance to meteorology, chemistry, ecology and biology, among many others. This module aims to move beyond the foundational math generally taught in freshmen and sophomore year by presenting several areas of recent development and application. In this team-taught seminar-style course, two or three different professors will introduce students to their research areas and related topics. Some of the areas represented among the faculty include fractal geometry, number theory, algebraic geometry, and probability. Students will also be introduced to resources provided by national mathematical communities on mathematical career paths and backgrounds needed.

- **MATH-265 Calculus III**

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-331 Introduction to Abstract Math**

Prerequisites:

MATH-166 minimum grade of C

Credits:

4.00

Description:

this course is intended to provide a firm foundation for and a taste of the study of advanced mathematics. While the course content varies somewhat, it is designed to give students a deeper understanding of the algebraic and analytical structure of the integers, the rational numbers and the real numbers and how they act as a building block to a variety of fields of mathematics. Students are introduced to the process of mathematical discovery and the language of mathematics. Exercises and projects are designed to illustrate the need for proof and to further refine the student's ability to analyze, conjecture and write mathematical proofs. This course is a prerequisite for most upper level mathematics courses and, after completing it a student will be in a position to determine realistically if he or she ought to major or minor in mathematics.

- **MATH-431 Linear Algebra**

Prerequisites:

Math 331 must have grade C or higher

Credits:

4.00

Description:

System of linear equations, Gaussian elimination, matrices and their algebra, inverse of a matrix, determinants, cofactor expansion, Cramer's rule, vectors in and their algebra, abstract vector spaces, subspaces, linear independence, basis and dimension, linear transformations, isomorphism of vector spaces, rank and nullity, matrix of a linear transformation, inner product spaces, angle and orthogonality, eigenvalues and eigenvectors of a linear transformation, characteristic equation, Cayley-Hamilton theorem, diagonalization.

- **MATH-462 Real Analysis**

Prerequisites:

MATH 331 with at least a grade of C

Credits:

4.00

Description:

A detailed treatment of the basic concepts of analysis including the real numbers; completeness and its equivalence to other properties of the reals such as monotone convergence, Archimedean property, Bolzano-Weierstrass theorem; the topology of Euclidean spaces, compactness and the

Heine-Borel theorem, connectedness, continuity and uniform continuity and uniform convergence of functions, and an introduction to metric spaces.

- **MATH-511 Launching a Career in Mathematics**

Prerequisites:

Junior or Senior standing

Credits:

1.00

Description:

This team-taught course is designed to explore career opportunities in Mathematics in depth. This course focuses on career search, the application process, entry, transition and networking for career success. Alternative options such as graduate school will also be explored. Students articulate and reflect on academic work, and co-curricular experiences from the perspective of professionals entering or advancing their careers. The goal of this course is to help students reach their fullest professional potential following graduation.

- **CMPSC-F131 Computer Science I**

Credits:

4.00

Description:

This is a rigorous introduction to computer science in Java with an emphasis on problem solving, structured programming, object-oriented programming, and graphical user interfaces. Topics include expressions, input/output, control structures, intrinsic data types, classes and methods, iteration, top-down programming, arrays, graphical user interfaces, and elements of UML. Normally offered each semester.

Completion of the Requirements of ONE of the following concentrations:

1. Concentration in Actuarial Science (7 courses, 24 credits)

2. Concentration in Pure Math (6 courses, 20 credits)

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Actuarial Science Concentration: 7 courses, 24 credits

Concentration Requirements (6 courses, 21 credits)

- EC-101 Applied Microeconomics

Prerequisites:

Non CAS majors need to have completed at least 15 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

• EC-102 Global Macroeconomics

Prerequisites:

Non-CAS majors need to have completed at least 15 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

• FIN-200 Business Finance

Prerequisites:

MATH 128 or higher; ACCT 201; STATS 240 or STATS 250 (can take concurrently with FIN 200); Sophomore standing

Credits:

3.00

Description:

This course is a study of the functions of business finance and focuses on basic financial principles such as time value of money, risk and return tradeoffs, and asset valuation. Formally FIN 310.

Term:

Offered Both Fall and Spring

• MATH-255 Probability and Statistics

Prerequisites:

MATH-165 or MATH-164 with a grade of C or better

Credits:

4.00

Description:

Topics include: random variable and distribution; expectation and variance; special discrete/continuous distributions (uniform, binomial, negative binomial, geometric, hypergeometric, Poisson, normal, and exponential distributions); joint distribution, marginal distribution and conditional distribution; covariance; limit theorems (law of large numbers and central limit theorem); introduction to confidence interval and hypothesis testing; regression analysis. Offered as needed.

• MATH-257 Statistical Analysis

Prerequisites:

Take MATH-255 with a 'C' grade or higher

Credits:

4.00

Description:

Calculus based introduction to statistical analysis. Topics include Sampling distribution, Point Estimation, Interval Estimation, Hypothesis Testing, Regression, and Correlation Analysis.

- **MATH-290 Financial Mathematics I**

Prerequisites:

MATH-166, 164 or 165 with a minimum grade of C

Credits:

4.00

Description:

This course is mainly designed for students who are interested in financial mathematics and/or actuarial sciences, especially if they plan to take the second actuarial exam, and/or if they plan to study more in financial mathematics. The materials covered include time value of money, annuities, loans, bonds, cash flows and portfolios, general derivatives, options, hedging and investment strategies, forwards and futures, and swaps.

Concentration Elective (1 course, 3 credits)

Choose one of the following:

- **FIN-311 Intermediate Finance**

Prerequisites:

FIN 200 (formerly FIN 310)

Credits:

3.00

Description:

Intermediate Finance expands on basic financial concepts and introduces more advanced topics. Material emphasizes solutions to problems of capital structure, investment and financing. Other major topics include distribution policy, working capital management, derivative corporate securities, and corporate restructuring.

Term:

Offered Both Fall and Spring

- **FIN-313 General Insurance**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course includes the theory, practice and problems of risk bearing in business and personal pursuits including life, property and casualty insurance and dealing with contract analysis and investments as well as corporate risk management.

Term:

Offered Fall Term

- **FIN-315 Principles of Investments**

Prerequisites:

FIN 200 (formerly FIN 310); Junior standing

Credits:

3.00

Description:

This course covers the investment of funds by individuals and institutions. Focuses on analysis of investments and security markets, and the mechanics of trading and investing. A variety of investment vehicles are discussed, including stocks, bonds, futures, and options.

Term:

Offered Both Fall and Spring

- **FIN-411 Futures and Options**

Prerequisites:

FIN 315; Junior standing;

Credits:

3.00

Description:

This course is an in-depth analysis of derivatives: futures, options, and swaps. The course explains why these securities exist, where and how they are traded, how to employ them in managing risk, and how to accurately price them. It also covers the use of these derivatives in the context hedging or speculation.

Term:

Offered Spring Term

- **FIN-413 Investment Analysis and Portfolio Management**

Prerequisites:

FIN 315, Junior standing

Credits:

3.00

Description:

This course is an advanced course in investment analysis stressing efficient frontier and diversification. Also studies portfolio construction and management, and the tradeoff of risk versus return.

Term:

Offered Fall Term

Courses required in the major follow recommendations of the Society of Actuaries. Some Economics and Finance courses contribute to the VEE recommendations of the SOA.

Comment: Although not required, it is strongly recommended that Mathematics majors also take CMPSC-F132 Computer Science II and an internship in Mathematics.



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Pure Mathematics Concentration: 6 courses, 20 credits

Concentration Requirements (3 courses, 8 credits)

- MATH-432 Abstract Algebra

Prerequisites:

MATH 431

Credits:

4.00

Description:

An introduction to elementary group theory, including properties of groups, subgroups, first isomorphism theorem for groups, normal subgroups, finite group classification; elementary properties of rings, such as homomorphisms of rings, ideals, fields, Euclidean algorithm, rings of polynomials, factorization theory, integral domains, associates, primes and units in domains, and other topics in number theory. Prerequisite: MATH 431 with a grade of C or higher.

- **PHYS-151 University Physics I**

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

Concentration Electives (3 courses, 12 credits)

Choose two additional 4-credit Math courses at the 200-level or higher

Choose one additional 4-credit Math course at the 300-level or higher

Comment: Although not required, it is strongly recommended that Mathematics majors also take CMPSC-F132 Computer Science II and an internship in Mathematics. Note that the BA and BS degrees have an additional science requirement.



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2017-2018 Archived Catalog Information

Mathematics

Course descriptions may be updated periodically to reflect changes since the last published catalog.

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Students interested in Math Education should take the Math major with a concentration in Pure Math and minor in Educational Studies, choosing courses with the guidance of advisors.



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Minor Requirements: 7 courses, 26 credits

- EC-101 Applied Microeconomics

Prerequisites:

Non CAS majors need to have completed at least 15 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

- **EC-102 Global Macroeconomics**

Prerequisites:

Non-CAS majors need to have completed at least 15 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization,

differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-255 Probability and Statistics**

Prerequisites:

MATH-165 or MATH-164 with a grade of C or better

Credits:

4.00

Description:

Topics include: random variable and distribution; expectation and variance; special discrete/continuous distributions (uniform, binomial, negative binomial, geometric, hypergeometric, Poisson, normal, and exponential distributions); joint distribution, marginal distribution and conditional distribution; covariance; limit theorems (law of large numbers and central limit theorem); introduction to confidence interval and hypothesis testing; regression analysis. Offered as needed.

- **MATH-257 Statistical Analysis**

Prerequisites:

Take MATH-255 with a 'C' grade or higher

Credits:

4.00

Description:

Calculus based introduction to statistical analysis. Topics include Sampling distribution, Point Estimation, Interval Estimation, Hypothesis Testing, Regression, and Correlation Analysis.

• **MATH-290 Financial Mathematics I**

Prerequisites:

MATH-166, 164 or 165 with a minimum grade of C

Credits:

4.00

Description:

This course is mainly designed for students who are interested in financial mathematics and/or actuarial sciences, especially if they plan to take the second actuarial exam, and/or if they plan to study more in financial mathematics. The materials covered include time value of money, annuities, loans, bonds, cash flows and portfolios, general derivatives, options, hedging and investment strategies, forwards and futures, and swaps.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Minor Requirements: 5 courses, 20 credits

- MATH-165 Calculus I

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-265 Calculus III**

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for

line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-331 Introduction to Abstract Math**

Prerequisites:

MATH-166 minimum grade of C

Credits:

4.00

Description:

this course is intended to provide a firm foundation for and a taste of the study of advanced mathematics. While the course content varies somewhat, it is designed to give students a deeper understanding of the algebraic and analytical structure of the integers, the rational numbers and the real numbers and how they act as a building block to a variety of fields of mathematics. Students are introduced to the process of mathematical discovery and the language of mathematics. Exercises and projects are designed to illustrate the need for proof and to further refine the student's ability to analyze, conjecture and write mathematical proofs. This course is a prerequisite for most upper level mathematics courses and, after completing it a student will be in a position to determine realistically if he or she ought to major or minor in mathematics.

Choose one additional 4-credit Mathematics course at the 200-, 300-, or 400-level.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Students who have an overall GPA of 3.0 or better and a GPA of 3.0 or better in the major will be eligible for honors. To achieve honors a student must take a course of four credits or more in an advanced mathematics topic. This will typically be an independent study. The course should lead to a project or a senior thesis, done under the direction of a faculty member. The topic of study will be agreed upon by the student and faculty member.

Choose one of the following:

- **MATH-400 Senior Project in Mathematics**

Prerequisites:

Instructor permission required.

Credits:

4.00

Description:

Students study a particular topic in mathematics and demonstrate their results in a final project.

- **MATH-510 Independent Study**

Credits:

4.00

Description:

Members of the department will hold conference hours with students and will direct their readings and study of topics in mathematics which may be of interest to them. Prerequisite: Consent of instructor. 1 term - credits to be arranged.



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- MATH-000 Mathshop - Bridge to College Math

Credits:

0.00

Description:

A NON-CREDIT, full semester workshop designed for students who need substantial review before starting MATH 104, MATH 106, OR MATH 121. Similar to a course, MATHSHOP meets three hours per week throughout the semester. Topics covered are tailored to the needs of students and include basic math material, basic algebra, graphing use of calculators, ways of dealing with math fears and study methods. Several sections normally offered each semester.

- **MATH-075 Review of Math Concepts for Calculus**

Credits:

0.00

Description:

The purpose of this non-credit course is to help engineering students review basic math contents and topics that will be used frequently in their major engineering courses. The course will cover basic algebra (for example, order of operations, exponents, simplifying algebraic expressions, combinations of operations and complex fractions), functions and graphs (including linear, polynomial, and rational, exponential and logarithmic functions) and basic knowledge in trigonometric functions (for example angles and radian measures, right triangle trigonometry, graphs of Sine and Cosine functions)

- **MATH-104 Precalculus for Management & Social Sciences**

Prerequisites:

MATH level 2 or Mathshop

Credits:

4.00

Description:

A selection of topics in algebra and elementary analytic geometry including, (but not restricted to): properties of real numbers, linear equations and inequalities, absolute value equations and inequalities, polynomials, rational expressions, exponents and radicals, quadratic equations, functions, linear, quadratic and polynomial models, rational, exponential and logarithmic functions. Applications and graphs are stressed throughout the course. This course is intended to prepare students who have only had one year of high school algebra to take MATH 134. Students may not use this course alone to satisfy the C.A.S. math requirement. Qualifying math placement exam score required. Students who are not prepared for this course should take MATHSHOP. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students. This course cannot be taken for credit by a student who already has credit for a more advanced course.

- **MATH-121 Precalculus With Elements of Calculus**

Prerequisites:

MATH-104 with a minimum grade of B or MATH level 4

Credits:

4.00

Description:

A review of topics in algebra, trigonometry and analytic geometry intended for students needing one additional semester of preparation before taking MATH 165. Students may not use this course alone to satisfy the CAS math requirement. Prerequisites: MATH 104 with B or MATH 108 with B or higher or qualifying placement exam score indicating solid grounding in intermediate algebra. 4 lecture hours plus 1 recitation session per week. Normally offered every semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students. This course cannot be taken for credit by a student who already has credit for a more advanced course.

- **MATH-128 Math for the Modern World**

Prerequisites:

MATH level 2, or Mathshop, or MATH-104

Credits:

4.00

Description:

From the ISBN on a book, to buying a car, from the size of small chips in a cell phone, to the size of the national debt, or just reading a graph in the daily newspaper, mathematics plays an important and vital role in countless areas of life and your future career and courses included. Mathematics is both an art and a tool created by humans. The common bond is a way of thinking and a way of reasoning to describe and solve problems of many types. This course uses the context of modern real life problems to introduce math needed for literacy and problem solving in contemporary life and work. It uses a minimal amount of algebra and focuses on math models, concepts and basic math manipulations. It encourages students to move from anxiety about math, to using formulas well, to thinking critically in the math context to use math to solve problems and pose new problems. Topics include scientific notation, basic financial math, linear, exponential and polynomial models and an introduction to probability. (Formerly Math 132)

- **MATH-130 Topics in Finite Mathematics**

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-132 Math-Art, Tool and Human Side**

Prerequisites:

MATH-000 or appropriate Math Placement Exam score. Course does not fulfill math requirement for SBS majors.

Credits:

4.00

Description:

Mathematics is both an art and a tool. It has been used in many ways in contemporary and ancient society. The common bond is a way of thinking and a way of using reason to solve problems and describe things of all sorts. The course is designed to cultivate an appreciation of the significance of mathematics in daily life and develop students' mathematical reasoning. Topics will vary from section to section. Examples of topics that might be included are: the real meaning of a newspaper graph, methods to tally votes, fair division, routes and networks, consumer mathematics, the 'real' cost of a house, shapes and patterns, fractals, soap film surfaces, prime numbers and encryption, new discoveries in mathematics.

- **MATH-134 Calculus for Management & Social Sciences**

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-164 Calculus 1 Bridge With Trigonometry**

Prerequisites:

Permission of Instructor

Credits:

4.00

Description:

This course provides an alternative to MATH 165 (Calculus I) for those students who have taken MATH 134 (Calculus for Management and Social Sciences) but who do not have the trigonometric precalculus prerequisite (such as MATH 121) for MATH 165. In other words, the sequence MATH 134 / MATH 164 serves as an alternative to the sequence MATH 121 / MATH 165, and similarly prepares students to take MATH 166 (Calculus II). The course includes a thorough review of trigonometry and other precalculus topics. Aspects of limits and differentiation which students have already seen in MATH 134 are presented briefly, but in most cases with more emphasis on conceptual understanding, and often illustrated using more complicated examples. New calculus topics (i.e. not covered in MATH 134) include one-sided limits, special trigonometric limits, differentiability, derivatives of trigonometric functions and their inverses, derivatives of general inverse functions, logarithmic and implicit differentiation, related rates, L'Hopital's rule, intermediate values theorem, Rolle's theorem, mean values theorem, Newton's method, and linearization. 4 lecture hours plus 1 recitation session each week. Normally offered in spring.

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-200 Modern Mathematics and Career Exploration**

Prerequisites:

Freshman or Sophomore Status

Credits:

1.00

Description:

This one credit course aims to help freshmen and sophomore students form an idea of the scope of the vast and rapidly growing field of mathematics and the many career options, and begin to map out steps toward a potential career path. Mathematics is a diverse discipline that is constantly evolving. It ranges from applied mathematics (tailored to specific real world problems), to mathematical physics (which crafts the mathematical basis

for the understanding of physical phenomena), to pure mathematics (which is studied for its intrinsic interest). As the study of such varied concepts as quantity, structure, space and change, mathematics has something for everyone; and valuable applications to many other fields, from business and finance to meteorology, chemistry, ecology and biology, among many others. This module aims to move beyond the foundational math generally taught in freshmen and sophomore year by presenting several areas of recent development and application. In this team-taught seminar-style course, two or three different professors will introduce students to their research areas and related topics. Some of the areas represented among the faculty include fractal geometry, number theory, algebraic geometry, and probability. Students will also be introduced to resources provided by national mathematical communities on mathematical career paths and backgrounds needed.

- **MATH-255 Probability and Statistics**

Prerequisites:

MATH-165 or MATH-164 with a grade of C or better

Credits:

4.00

Description:

Topics include: random variable and distribution; expectation and variance; special discrete/continuous distributions (uniform, binomial, negative binomial, geometric, hypergeometric, Poisson, normal, and exponential distributions); joint distribution, marginal distribution and conditional distribution; covariance; limit theorems (law of large numbers and central limit theorem); introduction to confidence interval and hypothesis testing; regression analysis. Offered as needed.

- **MATH-256 Statistics With R**

Prerequisites:

MATH 255 or permission of instructor

Credits:

1.00

Description:

The course uses free software R to introduce key concepts in statistics. Topics include Descriptive statistics and graphics, One- and two-sample tests, Regression and correlation, and Analysis of variance. Data from financial markets or computer networks will be used for homework assignments and projects. We will focus on hands on experiences with R rather than theoretical details about statistical analysis.

- **MATH-257 Statistical Analysis**

Prerequisites:

Take MATH-255 with a 'C' grade or higher

Credits:

4.00

Description:

Calculus based introduction to statistical analysis. Topics include Sampling distribution, Point Estimation, Interval Estimation, Hypothesis Testing, Regression, and Correlation Analysis.

- **MATH-265 Calculus III**

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-285 Discrete Mathematics**

Prerequisites:

MATH-164 or MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics mostly selected from the following list: Logic and set theory, elementary number theory, relations and functions and their properties (equivalence relations, partial order relations, recurrence relations and their solutions); computational complexity of algorithms (big O notation); graphs and their properties (isomorphisms of graphs, Euler and Hamilton paths, shortest path problem, graph coloring) trees (tree traversal, minimum spanning trees); finite state machines; methods of proof (proof by induction, proof by contradiction). Prerequisite: MATH 220 or permission of instructor. 1 term - 4 credits (4 lecture hours per week). Normally offered at least once each year.

- **MATH-290 Financial Mathematics I**

Prerequisites:

MATH-166, 164 or 165 with a minimum grade of C

Credits:

4.00

Description:

This course is mainly designed for students who are interested in financial mathematics and/or actuarial sciences, especially if they plan to take the second actuarial exam, and/or if they plan to study more in financial mathematics. The materials covered include time value of money, annuities, loans, bonds, cash flows and portfolios, general derivatives, options, hedging and investment strategies, forwards and futures, and swaps.

- **MATH-331 Introduction to Abstract Math**

Prerequisites:

MATH-166 minimum grade of C

Credits:

4.00

Description:

this course is intended to provide a firm foundation for and a taste of the study of advanced mathematics. While the course content varies somewhat, it is designed to give students a deeper understanding of the algebraic and analytical structure of the integers, the rational numbers and the real numbers and how they act as a building block to a variety of fields of mathematics. Students are introduced to the process of mathematical discovery and the language of mathematics. Exercises and projects are designed to illustrate the need for proof and to further refine the student's ability to analyze, conjecture and write mathematical proofs. This course is a prerequisite for most upper level mathematics courses and, after completing it a student will be in a position to determine realistically if he or she ought to major or minor in mathematics.

- **MATH-373 Ordinary Differential Equations**

Prerequisites:

MATH-265 (may be taken concurrently)

Credits:

4.00

Description:

A first course in differential equations. Topics generally include separable, homogenous, exact, and linear first order differential equations; variations of parameters, differential operators, the Laplace transform, inverse transforms, systems of differential equations, power series solutions, Fourier series, and applications.

- **MATH-400 Senior Project in Mathematics**

Prerequisites:

Instructor permission required.

Credits:

4.00

Description:

Students study a particular topic in mathematics and demonstrate their results in a final project.

- **MATH-431 Linear Algebra**

Prerequisites:

Math 331 must have grade C or higher

Credits:

4.00

Description:

System of linear equations, Gaussian elimination, matrices and their algebra, inverse of a matrix, determinants, cofactor expansion, Cramer's rule, vectors in and their algebra, abstract vector spaces, subspaces, linear independence, basis and dimension, linear transformations, isomorphism of vector spaces, rank and nullity, matrix of a linear transformation, inner product spaces, angle and orthogonality, eigenvalues and eigenvectors of a linear transformation, characteristic equation, Cayley-Hamilton theorem, diagonalization.

• MATH-432 Abstract Algebra

Prerequisites:

MATH 431

Credits:

4.00

Description:

An introduction to elementary group theory, including properties of groups, subgroups, first isomorphism theorem for groups, normal subgroups, finite group classification; elementary properties of rings, such as homomorphisms of rings, ideals, fields, Euclidean algorithm, rings of polynomials, factorization theory, integral domains, associates, primes and units in domains, and other topics in number theory. Prerequisite: MATH 431 with a grade of C or higher.

• MATH-462 Real Analysis

Prerequisites:

MATH 331 with at least a grade of C

Credits:

4.00

Description:

A detailed treatment of the basic concepts of analysis including the real numbers; completeness and its equivalence to other properties of the reals such as monotone convergence, Archimedean property, Bolzano-Weierstrass theorem; the topology of Euclidean spaces, compactness and the Heine-Borel theorem, connectedness, continuity and uniform continuity and uniform convergence of functions, pointwise and uniform convergence of functions, and an introduction to metric spaces.

- **MATH-510 Independent Study**

Credits:

4.00

Description:

Members of the department will hold conference hours with students and will direct their readings and study of topics in mathematics which may be of interest to them. Prerequisite: Consent of instructor. 1 term - credits to be arranged.

- **MATH-511 Launching a Career in Mathematics**

Prerequisites:

Junior or Senior standing

Credits:

1.00

Description:

This team-taught course is designed to explore career opportunities in Mathematics in depth. This course focuses on career search, the application process, entry, transition and networking for career success. Alternative options such as graduate school will also be explored. Students articulate and reflect on academic work, and co-curricular experiences from the perspective of professionals entering or advancing their careers. The goal of this course is to help students reach their fullest professional potential following graduation.

- **MATH-R104 Recitation for Pre-Calculus for Management and Social Sciences**

Prerequisites:

Appropriate Math Placement Exam score. Must be taken concurrently with MATH 104

Credits:

0.00

Description:

Taken simultaneously with Math 104. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such work can include practice problems, homework problems and sometimes quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.

- **MATH-R128 Recitation for Math for the Modern World**

Prerequisites:

MATH-000 or appropriate Math Placement Exam score. Must be taken concurrently with MATH 128. This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

Credits:

0.00

Description:

Hands on problem solving, discussion and examples of Math for the Modern World.

- **MATH-R130 Recitation for Finite Mathematics**

Prerequisites:

MATH 104 or appropriate math placement score. Must be taken concurrently with MATH 130

Credits:

0.00

Description:

Taken simultaneously with Math 130. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such work can include practice problems, homework problems and sometimes quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.

- **MATH-R132 Recitation for Math-Art, Tool and Humanside**

Prerequisites:

MATH-000 or appropriate Math Placement Exam score. Must be taken concurrently with MATH 132. This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

Credits:

0.00

Description:

Taken simultaneously with Math 132. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such work can include practice problems, homework problems and sometimes quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.

- **MATH-R134 Recitation for Calculus for Management And Social Sciences**

Prerequisites:

MATH 104 or appropriate math placement score. Must be taken concurrently with MATH 134.

Credits:

0.00

Description:

Taken simultaneously with Math 134. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such work can include practice problems, homework problems and sometimes quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.



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- **STATS-240 Introduction to Statistics**

Prerequisites:

Math 128 or higher. REMINDER: STATS 240 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Topics include: data presentation, measures of central locations and dispersion, probability and probability distributions, estimation, hypothesis testing, simple and multiple regression models. The use of Excel and SPSS will be emphasized throughout the course. 1 term - 4 credits (4 hours per week). Normally offered each semester. STATS 240 satisfies the same requirements as STATS 250

Type:

Quantitative Analysis

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

- **STATS-H250 Honors Applied Statistics**

Prerequisites:

MATH-128, MATH 130, 134, 146, 164 or 165 and Honors Course; GPA of 3.3 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analyses. The use of computers is emphasized throughout the course. Prerequisite: MATH 130, MATH 134, MATH 146, or MATH 165 Honors Course GPA of 3.2 or higher required. 1 term - 4 credits Normally offered every year.

Type:

Honors

- **STATS-350 Applied Statistical Methods**

Prerequisites:

STATS 250

Credits:

4.00

Description:

This application-oriented course is designed to go beyond the topics covered in STATS 250. It includes topics like Analysis of Variance (ANOVA), special topics in regression analysis and index numbers. Further, time series data, which consist of values corresponding to different time intervals, are analyzed. The objective is to examine past time series values to forecast, or predict future values. Seasonal variations are also incorporated in the forecasts. The course will provide useful computer skills involving various statistical packages and is an excellent preparation for graduate work in business and social sciences.

- **STATS-R240 Statistics Recitation**

Credits:

0.00

Description:

This course is taken as a co-requisite to Stats240. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. On alternate weeks students work on individual and group homework.



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Major Requirements: 12 courses, 48 credits

Core Requirements (11 courses, 44 credits)

Note: All students should take CJN-101 and CJN-105 during their first year.

- **CJN-101 Introduction to Communication**

Credits:

4.00

Description:

As an introduction to the communication discipline, this course examines the significance of communication to the symbolic construction of meaning. Students receive an overview of multiple forms of communication, including face-to-face, verbal/non-verbal, small group, intercultural, organizational,

and mediated communication. The class devotes attention to the influence of culture on communication and to ethical complexities relating to communication.

Term:

Offered Both Fall and Spring

• CJNI-105 Principles of Oral Communication

Credits:

4.00

Description:

Oral communication skills have been rated as vital to today's professional world. Students will learn these skills focusing on the three principal types of oral communication (interpersonal, team and public address). Sample assignments include creating a webinar, interviewing and team presentation. Specific attention will be given to communicating in diverse contexts, in an online environment, and for a diverse audience.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• CJNI-152 Visual Aesthetics

Credits:

4.00

Description:

This course provides an introduction to a humanities approach to a range of media, including but not limited to film and television. The course helps students develop visual literacies, enriching their understanding of multiple forms of media. The class also explores how media texts are constructed for specific cultural, entertainment, informative and propaganda purposes.

Term:

Offered Both Fall and Spring

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television, and new media technologies develop, and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **CJN-321 Research Methods in Communication**

Credits:

4.00

Description:

Students learn the research traditions in communication grounded in the humanities and social sciences. They are exposed to an array of qualitative methods, with in-depth study of select methodologies. Students learn how to read scholarly articles, write in an academic style, and design a research project.

Term:

Alternates Fall & Spring

- **CJN-387 Media and Film Criticism**

Credits:

4.00

Description:

Examination of media including film, television, radio, music, newspapers, and magazines. Theories of media criticism are discussed and applied to specific media or media products. Students are introduced to criticisms such as genre, formalist, narrative, cultural, critical cultural, and feminist.

Term:

Offered Fall Term

- **CJN-400 Media Effects and Audiences**

Prerequisites:

Prerequisite: CJN-255

Credits:

4.00

Description:

Explores the social influence of the media on U.S. society. Attention is given to the theoretical perspectives that inform media research. By the end of the semester, students will develop a critical understanding of the role and influence of the media in U.S. society.

Term:

Offered Fall Term

- **CJN-466 Seminar in Media/Film**

Prerequisites:

CJN-3455

Credits:

4.00

Description:

Functions as a capstone media/film course and merges theoretical and practical knowledge from previous classes. Students revisit concepts and apply them to advanced courses and/or create their own advanced work.

Term:

Offered Spring Term

- **CJN-2355 Production I**

Prerequisites:

CJN-152

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

- **CJN-3455 Production II**

Prerequisites:

CJN-2355(formerly CJN-355)

Credits:

4.00

Description:

Building on skills acquired in CJN 2355, students use advanced equipment and production techniques to produce complex video projects, including fiction filmmaking. Projects cover various styles and genres, such as music video and film noir.

Term:

Offered Both Fall and Spring

- **CJN-4455 Production III**

Prerequisites:

CJN-3455(formerly CJN-455)

Credits:

4.00

Description:

Builds on the theories and techniques developed in CJN 3455, focusing on the advanced concepts and skills needed to design and produce professional-level media content for digital distribution. Provides the opportunity to produce high-quality material for student media portfolios in various genres.

Term:

Offered Spring Term

Electives (1 course, 4 credits)

Choose one of the following:

- **CJN-225 World Cinema**

Credits:

4.00

Description:

An introductory course in film studies with a focus on foreign films. Movies studied include masterpieces of cinema from Europe, Asia, the Middle East, and other nations (Films have subtitles).

Term:

Alternates Fall & Spring

- **CJN-281 Asian Popular Culture**

Credits:

4.00

Description:

Students critically analyze Asian popular culture since the 1980s using a cultural ethnographic approach. Students apply the lenses of gender, identity, globalization, and business strategies to examine pop phenomena such as Korean Wave, Cool Japan, and Cantonese popular music.

Term:

Occasional

- **CJN-292 Film History: From Silent Cinema to the Modern Era**

Credits:

4.00

Description:

An introductory film studies course that covers the history of the film medium from its birth until the 1970s. It provides an introduction to major film theory concepts, such as genre and/or auteur studies, as well as key films and stars in movie history.

Term:

Alternates Fall & Spring

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

By examining the film texts of Hong Kong auteurs such as John Woo, Wong Kar-wai, Tsui Hark, Andrew Lau, and Alan Mak, the course examines issues such as film genres, colonization/decolonization, transnational political economy, the Greater Chinese media market, and the diaspora.

Term:

Occasional

• **CJN-366 Great Film Directors**

Credits:

4.00

Description:

An in-depth look at the films of one great film director, either American or foreign, demonstrating how the filmmaker develops his/her themes over the course of a career. Can be taken for credit more than once, but only counts once towards the major. A different director is studied each time.

Term:

Occasional

• **CJN-381 Business of Media**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Explores the market environment of the production and distribution of video and film. Topics include ownership and control, market structure and competition, audience measurement, and the impact of new technologies on media markets. Students work on a proposal to launch a media company.

Term:

Alternates Fall & Spring

Type:

Arts Admin Minor Elective

• CJN-385 Globalization of Media and Telecommunications

Credits:

4.00

Description:

A critique of the circulation of media goods and ideologies from both a cultural and political/economic perspective. Topics include global Hollywood, the images of Muslim women in transnational media, the information society, and global social movements.

Term:

Offered Spring Term

• CJN-401 Networked Culture

Credits:

4.00

Description:

Explores the influence of media convergence, digital technologies, and networked culture on the production, distribution, and consumption of media texts. Through theory, analysis and practice, students learn broad conceptual frameworks and develop models about the emergence and evolution of digital and mobile communication technologies that have shaped the contemporary media landscape. Case studies are drawn from media industries including journalism, advertising, public relations, film and television, music, video games, and the arts.

Term:

Occasional

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Production Concentration: 4 courses, 16 credits

Note: This concentration is available only to Media & Film majors. This concentration requires the following prerequisites: CJN-152 and CJN-2355 (formerly CJN-355). Students may need to complete additional courses to be able to enroll in some of the classes listed below.

Production Strategies and Skills (2 courses, 8 credits)

Choose two of the following:

- CJN-354 Digital Cinema

Credits:

4.00

Description:

Students study cinematography techniques and theory, putting them into practical application in various projects using video cameras, lighting, and composition to create images and scenes. Students produce work in multiple environments including stage and on-location shoots.

Term:

Occasional

- **CJN-356 TV Studio Production**

Credits:

4.00

Description:

Provides students with a hands-on introduction to the process of planning, preparing, producing, and evaluating studio productions. Students are exposed to the elements and terminology of a multi-camera studio with live switching, audio mixing, and studio lighting. Students produce interviews, public service announcements, and a live variety/talk show.

Term:

Offered Both Fall and Spring

- **CJN-357 Post Production**

Credits:

4.00

Description:

An exploration into the activities that wrap up the creation of films and television programs. Students create and add motion-graphics and visual effects to edited programs, generating output for videotape, the web, and DVD platforms.

Term:

Occasional

- **CJN-390 Screenwriting**

Credits:

4.00

Description:

Students learn the basic principles of writing a short film for the screen by examining professional scripts and one-act films, and then creating, step-by-step, their own one-act screenplay so that it could be ready for production.

Term:

Occasional

Production Practica (2 courses, 8 credits)

Choose two of the following:

- **CJN-480 Documentary Film Production**

Credits:

4.00

Description:

Students analyze contemporary documentaries and study documentary history and theory. Working in teams, students produce, write, direct, crew, and edit documentary shorts.

Term:

Occasional

- **CJN-481 Making the Short Film**

Prerequisites:

CJN-2355 or instructor consent

Credits:

4.00

Description:

This advanced class works together as a crew to create of a short narrative film shot in HD video. Students learn the process of making professional-quality work, and each student is responsible for various crew positions during pre-production and the shooting of the film.

Term:

Occasional

- **CJN-483 Suffolk TV News**

Prerequisites:

CJN-253 and CJN-2355(formerly CJN-355) and CJN-353 or CJN-361 or instructor's consent

Credits:

4.00

Description:

Students write, direct, crew, edit, and serve as talent in producing the CJN Department's weekly news program aired on Boston Cable Access. Cannot be taken concurrently with CJN 361 or CJN 353.

Term:

Offered Spring Term

- **CJN-490 Temple Street Project**

Prerequisites:

CJN-253 and CJN-2355(formerly CJN-355)

Credits:

4.00

Description:

Students write, direct, crew, edit, and serve as talent in producing the CJNI Department's magazine-format television program aired on the department's Youtube channel.

Term:

Offered Fall Term



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Minor Requirements: 5 courses, 20 credits

- CJN-152 Visual Aesthetics

Credits:

4.00

Description:

This course provides an introduction to a humanities approach to a range of media, including but not limited to film and television. The course helps students develop visual literacies, enriching their understanding of multiple forms of media. The class also explores how media texts are constructed for specific cultural, entertainment, informative and propaganda purposes.

Term:

Offered Both Fall and Spring

- **CJN-2355 Production I**

Prerequisites:

CJN-152

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television, and new media technologies develop, and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

Choose two of the following:

- **CJN-225 World Cinema**

Credits:

4.00

Description:

An introductory course in film studies with a focus on foreign films. Movies studied include masterpieces of cinema from Europe, Asia, the Middle East, and other nations (Films have subtitles).

Term:

Alternates Fall & Spring

- **CJN-281 Asian Popular Culture**

Credits:

4.00

Description:

Students critically analyze Asian popular culture since the 1980s using a cultural ethnographic approach. Students apply the lenses of gender, identity, globalization, and business strategies to examine pop phenomena such as Korean Wave, Cool Japan, and Cantonese popular music.

Term:

Occasional

- **CJN-292 Film History: From Silent Cinema to the Modern Era**

Credits:

4.00

Description:

An introductory film studies course that covers the history of the film medium from its birth until the 1970s. It provides an introduction to major film theory concepts, such as genre and/or auteur studies, as well as key films and stars in movie history.

Term:

Alternates Fall & Spring

• CJA-3455 Production II

Prerequisites:

CJA-2355(formerly CJA-355)

Credits:

4.00

Description:

Building on skills acquired in CJA 2355, students use advanced equipment and production techniques to produce complex video projects, including fiction filmmaking. Projects cover various styles and genres, such as music video and film noir.

Term:

Offered Both Fall and Spring

• CJA-366 Great Film Directors

Credits:

4.00

Description:

An in-depth look at the films of one great film director, either American or foreign, demonstrating how the filmmaker develops his/her themes over the course of a career. Can be taken for credit more than once, but only counts once towards the major. A different director is studied each time.

Term:

Occasional

- **CJN-381 Business of Media**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Explores the market environment of the production and distribution of video and film. Topics include ownership and control, market structure and competition, audience measurement, and the impact of new technologies on media markets. Students work on a proposal to launch a media company.

Term:

Alternates Fall & Spring

Type:

Arts Admin Minor Elective

- **CJN-387 Media and Film Criticism**

Credits:

4.00

Description:

Examination of media including film, television, radio, music, newspapers, and magazines. Theories of media criticism are discussed and applied to specific media or media products. Students are introduced to criticisms such as genre, formalist, narrative, cultural, critical cultural, and feminist.

Term:

Offered Fall Term

- **CJN-4455 Production III**

Prerequisites:

CJN-3455(formerly CJN-455)

Credits:

4.00

Description:

Builds on the theories and techniques developed in CJN 3455, focusing on the advanced concepts and skills needed to design and produce professional-level media content for digital distribution. Provides the opportunity to produce high-quality material for student media portfolios in various genres.

Term:

Offered Spring Term

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Degree Requirements

1. Students admitted to this dual degree program must meet all the requirements of an undergraduate degree program within the departments of Communication & Journalism or Advertising, Public Relations, & Social Media.
2. Student must also meet all requirements for the Master's degree in Communication.
3. Students will take two Communication graduate courses during their senior year; one during the fall semester and one during the spring semester. The two graduate courses taken during the senior year will count toward BOTH the undergraduate and graduate degree requirements. Credit hours will be awarded based on the graduate course description.
4. The graduate courses taken during the senior year will be determined by the Communication graduate program director.
5. Students are subject to the usual standards for academic standing, i.e., undergraduate standards for undergraduate courses and graduate standards for graduate courses.

Upon successful completion of all of the degree requirements, a student will receive a dual Bachelor's and Master's degree. The exact degree will be awarded based on the specific undergraduate program the student completes. A student may permanently exit the dual degree program and opt to graduate

with a Bachelor's degree if all the requirements for a Bachelor's degree have been met. In this case, the graduate courses taken in the senior year will be counted as 4-credit courses applied toward the undergraduate degree requirements.



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Majors in the Communication and Journalism Department who have completed a minimum of 20 credits of CJN coursework, and hold a GPA of 3.4 in the major and a 3.0 or higher GPA overall may enroll in CJN-506 Honors Seminar during their senior year. In this course, students are guided in writing a major research paper, enhancing their research, writing, and analytical skills. This paper also is presented orally to CJN faculty members. For further details, contact the department.

- **CJN-506 Honors Seminar**

Prerequisites:

Senior CJN majors with an overall cumulative grade point average of 3.0, and a major GPA of 3.4; or instructor consent

Credits:

4.00

Description:

Senior CJN majors meeting requirements for Departmental Honors are invited to participate in this seminar, which entails research and presentation of an approved topic.

Term:

Offered Spring Term



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-
- CJNI-101 Introduction to Communication

Credits:

4.00

Description:

As an introduction to the communication discipline, this course examines the significance of communication to the symbolic construction of meaning. Students receive an overview of multiple forms of communication, including face-to-face, verbal/non-verbal, small group, intercultural, organizational, and mediated communication. The class devotes attention to the influence of culture on communication and to ethical complexities relating to communication.

Term:

Offered Both Fall and Spring

- **CJN-103 Principles of Oral Communication**

Credits:

4.00

Description:

Oral communication skills have been rated as vital to today's professional world. Students will learn these skills focusing on the three principal types of oral communication (interpersonal, team and public address). Sample assignments include creating a webinar, interviewing and team presentation. Specific attention will be given to communicating in diverse contexts, in an online environment, and for a diverse audience.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-105 Principles of Oral Communication**

Credits:

4.00

Description:

Oral communication skills have been rated as vital to today's professional world. Students will learn these skills focusing on the three principal types of oral communication (interpersonal, team and public address). Sample assignments include creating a webinar, interviewing and team presentation. Specific attention will be given to communicating in diverse contexts, in an online environment, and for a diverse audience.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-112 Journalism I**

Credits:

4.00

Description:

An introductory news writing course designed to teach both the writing style used by journalists and basic techniques used for gathering and presenting information for general publication. The course emphasizes fundamental writing and reporting skills such as interviews, finding sources, and choosing essential facts. Students also introduced to feature news writing and are assigned to develop and write basic stories drawn from real-life situations.

Term:

Offered Both Fall and Spring

- **CJN-114 Great Works of Journalism**

Credits:

4.00

Description:

An examination of important contributions to the literature of journalism through an analysis of major writers and news coverage of significant events from a journalistic perspective.

Term:

Occasional

Type:

Social & Intellectual HST

- **CJN-152 Visual Aesthetics**

Credits:

4.00

Description:

This course provides an introduction to a humanities approach to a range of media, including but not limited to film and television. The course helps students develop visual literacies, enriching their understanding of multiple forms of media. The class also explores how media texts are constructed for specific cultural, entertainment, informative and propaganda purposes.

Term:

Offered Both Fall and Spring

- **CJN-177 Professional Communication**

Credits:

4.00

Description:

An introduction to the processes of professional communication, with emphasis on oral presentations, report writing, effective listening, and interpersonal communication in the business environment.

Term:

Occasional

- **CJN-H177 Honors Professional Communication**

Prerequisites:

3.2GPA

Credits:

4.00

Description:

An honors-level introduction to the processes of professional communication, with emphasis on oral presentations, report writing, effective listening and interpersonal communication in the business environment.

Term:

Occasional

Type:

Honors

- **CJN-210 Communication Research Statistics**

Credits:

4.00

Description:

The course develops an understanding of how statistics are used in the presentation of information and arguments in Communication and Journalism. Emphasizing a conceptual approach to learning statistics, the course focuses on data collection and summarization, correlation, regression, sampling, estimation, and tests of significance. Students perform basic statistical calculations using SPSS software.

Term:

Offered Both Fall and Spring

- **CJN-212 Journalism II**

Prerequisites:

CJN 112

Credits:

4.00

Description:

Modern reporting techniques are examined and applied to writing full-length news and feature news stories, with an emphasis on investigative journalism. The course includes an introduction to and an analysis of alternative or new journalism," combined with the survey of journalistic styles and standards as they evolved in the U.S. and international press over the last century.

Term:

Offered Both Fall and Spring

- **CJN-214 Professional Writing**

Credits:

4.00

Description:

Provides students with the opportunity to develop their writing style for a professional audience. Memo writing, report writing, letter writing, and other common writing situations for business professionals are considered.

Term:

Occasional

- **CJN-215 Interpersonal Communication**

Credits:

4.00

Description:

Analysis of communication behavior in individual and group environments. Topics include conflict, leadership, common communication difficulties, communication roles, and reflective thinking.

Term:

Occasional

- **CJN-216 Intercultural Communication**

Credits:

4.00

Description:

An examination of communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures.

Term:

Offered Both Fall and Spring

- **CJN-217 Gay and Lesbian Studies**

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social, and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions, and social movements.

Term:

Alternates Fall & Spring

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

- **CJN-219 Rhetoric of Protest and Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **CJN-222 Leadership and Communication**

Credits:

2.00

Description:

This course explores different definitions, perspectives, and strategies of leadership, with the goals of developing a better understanding of the concept as well as the students' own styles of leadership. The course examines the components of leadership including power, credibility, motivation, styles, situations, and followership.

Term:

Offered Both Fall and Spring

- **CJN-225 World Cinema**

Credits:

4.00

Description:

An introductory course in film studies with a focus on foreign films. Movies studied include masterpieces of cinema from Europe, Asia, the Middle East, and other nations (Films have subtitles).

Term:

Alternates Fall & Spring

- **CJN-235 Argument and Advocacy**

Credits:

4.00

Description:

Modern applications of argument in political, social, and legal situations. Emphasis on development of arguments, analysis, use of evidence, and delivery of oral and written assignments.

Term:

Offered Fall Term

- **CJN-239 Media Law**

Credits:

4.00

Description:

Explores the legal rights, responsibilities, and constraints on the media and on media professionals. Focus on defamation, copyright, obscenity, broadcast regulation, and media-related tort law.

Term:

Offered Both Fall and Spring

- **CJN-245 Forensics**

Credits:

1.00- 8.00

Description:

Intensive research on topics in debate and active participation in the University forensics program. ECR

Term:

Offered Spring Term

- **CJN-247 Design Lab**

Credits:

4.00

Description:

Computer applications for advertising and communication design. Using various graphical editing and design programs, students learn the theory and practice of design for layout, logos, and graphic elements in communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-253 Broadcast Journalism**

Prerequisites:

Take CJN-112;

Credits:

4.00

Description:

Introduces students to newswriting, production, and performance techniques for radio and television. Students write, produce, and perform new packages as part of the course.

Term:

Offered Both Fall and Spring

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television, and new media technologies develop, and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **CJN-257 Advertising**

Credits:

4.00

Description:

A survey course that introduces students to advertising concepts and practices from the perspective of agencies, clients, the media, and consumers. Students learn to think critically about advertising messages and learn practical techniques for developing effective advertising in various media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-258 Sports Public Relations**

Credits:

4.00

Description:

The application of public relations strategies and techniques to college and professional sports.

Term:

Alternates Fall & Spring

- **CJN-259 Sports Public Relations**

Credits:

4.00

Description:

The application of Public Relations strategies and techniques in college and professional sports.

Term:

Occasional

- **CJN-265 Small Group & Team Communication**

Credits:

4.00

Description:

Analysis of the concepts and theories of communication in small groups and teams. Improvement of problem-solving, decision-making, analysis, and evaluation skills in the team environment. The study and practice of merging trends in team dialogue, team learning, team development, and leadership.

Term:

Occasional

- **CJN-270 Speaking Across Cultures**

Credits:

4.00

Description:

Helps students learn to communicate with and speak to culturally diverse audiences. Audience analysis, organizational patterns, speech creation, research skills, and delivery skills are all critical to understanding when interacting with diverse audiences. Provides students with opportunities for oral presentations and interactions in different contexts.

Term:

Occasional

- **CJN-277 Public Relations I: Principles**

Prerequisites:

This course is now being offered as CJN-2277

Credits:

4.00

Description:

The basic principle techniques and processes of public relations are examined. Issues, trends, opportunities, and problems faced by the practitioner and impacting the organization are analyzed.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-281 Asian Popular Culture**

Credits:

4.00

Description:

Students critically analyze Asian popular culture since the 1980s using a cultural ethnographic approach. Students apply the lenses of gender, identity, globalization, and business strategies to examine pop phenomena such as Korean Wave, Cool Japan, and Cantonese popular music.

Term:

Occasional

- **CJN-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media on contemporary society. Television, radio, film, and print formats are discussed in terms of their persuasive impact on mass culture in the U.S.. Focus is on the period 1950-1970.

Term:

Offered Spring Term

- **CJN-287 Media Criticism**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Critical examination of various mass media including film, television, radio, music, newspapers and magazines. Theories of media criticism discussed and applied to specific media or media products.

Term:

Offered Spring Term

- **CJN-288 Film Language: From Silents to Citizen Kane**

Credits:

4.00

Description:

Film history from 1895 - 1940. An introduction to the language and technology of cinema as developed by pioneering filmmakers, and a basic discussion of aesthetics and criticism of film. Key films from the silent era through Orson Welles' Citizen Kane.

Term:

Offered Both Fall and Spring

- **CJN-291 Film Studies: the Modern Era**

Credits:

4.00

Description:

Film history mostly from 1940 until 1970. Includes an emphasis on film aesthetics, criticism, and history from World War II through the end of the Hollywood studio system; from film noir to Italian Neo-Realism to the French New Wave.

Term:

Alternates Fall & Spring

- **CJN-292 Film History: From Silent Cinema to the Modern Era**

Credits:

4.00

Description:

An introductory film studies course that covers the history of the film medium from its birth until the 1970s. It provides an introduction to major film theory concepts, such as genre and/or auteur studies, as well as key films and stars in movie history.

Term:

Alternates Fall & Spring

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

By examining the film texts of Hong Kong auteurs such as John Woo, Wong Kar-wai, Tsui Hark, Andrew Lau, and Alan Mak, the course examines issues such as film genres, colonization/decolonization, transnational political economy, the Greater Chinese media market, and the diaspora.

Term:

Occasional

- **CJN-297 New Media New Markets**

Credits:

4.00

Description:

Explores current trends in advertising and public relations. Examines new media choices in cable, direct response and the Internet and their impact on these professions. Includes an analysis of new markets in Generation X, Generation Y, and in the international and ethnic communities.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-301 Documentary Film and the Image of Conflict in the Middle East**

Credits:

4.00

Description:

The course focus is on some of the divisions and conflicts within Israeli society. Students analyze and compare mainstream media discourse to alternative representations in documentary film. Analysis also covers media representation of the Israeli-Palestinian conflict.

Term:

Occasional

- **CJN-313 Advanced Reporting**

Prerequisites:

Take CJN-112 and CJN-212;

Credits:

4.00

Description:

The principles and techniques of advanced news and investigative reporting are studied and applied. Students develop, organize, and write detailed news and news-feature stories based on original research. Each student is assigned a real-life news beat or news project to work on throughout the semester.

Term:

Occasional

- **CJN-315 Global & Cultural Scripts**

Prerequisites:

CJN-216;

Credits:

4.00

Description:

Understanding how people interact is critical to building relationships in personal and professional settings. The concept of scripts refers to ways of understanding and articulating cultural norms, values and behaviors. Scripts help us identify patterns of communication and creation of identity. This course will explore the concepts of scripts in a variety of contexts and situations including interpersonal communication and organizational communication.

Term:

Occasional

- **CJN-317 Copy Editing**

Prerequisites:

CJN 112 or CJN 113

Credits:

4.00

Description:

A study of the fundamentals of copy editing, newspaper typography, and makeup.

Term:

Offered Fall Term

- **CJN-L318 Advanced Photojournalism**

Prerequisites:

CJN-L218

Credits:

4.00

Description:

An in-depth analysis of the field of photojournalism. Emphasis is on the development of photo essays and the visual impact of photography on print media.

Term:

Offered Spring Term

- **CJN-321 Research Methods in Communication**

Credits:

4.00

Description:

Students learn the research traditions in communication grounded in the humanities and social sciences. They are exposed to an array of qualitative methods, with in-depth study of select methodologies. Students learn how to read scholarly articles, write in an academic style, and design a research project.

Term:

Alternates Fall & Spring

- **CJN-325 World Cinema**

Credits:

4.00

Description:

This course examines films from cultures around the globe, including masterpieces of cinema from European, Asian, South American, and African nations. (Films are often subtitled.)

Term:

Occasional

- **CJN-335 Persuasion**

Credits:

4.00

Description:

Analysis of persuasive techniques particularly those used by communicators in their attempt to gain public acceptance.

Term:

Offered Spring Term

- **CJN-340 Health Communication**

Credits:

4.00

Description:

Examines the important functions performed by human and mediated communication for health care consumers and providers. The course focus is on the use of communication strategies to inform and influence individual and community decisions regarding health.

Term:

Occasional

- **CJN-343 Advanced Feature Writing**

Prerequisites:

Take CJN-112 and CJN-212;

Credits:

4.00

Description:

Emphasizes in-depth development of articles in the style of narrative journalism for magazines and other publications.

Term:

Occasional

- **CJN-347 Media Planning**

Prerequisites:

CJN 257

Credits:

4.00

Description:

The planning and purchasing of advertising space and time. Examines media costs, budgets, and media strategy for different audiences and markets.

Term:

Offered Both Fall and Spring

- **CJN-353 Broadcast Journalism II**

Prerequisites:

Take CJN-2355 (formerly CJN-355) and CJN-253

Credits:

4.00

Description:

Advanced work in newswriting, production, and performance techniques for television. Students report, write, and produce news packages, with emphasis on increasing the depth, breadth, and frequency of reporting. Work also includes gathering, organizing, and evaluating the newsworthiness of information, evaluating the credibility of sources, writing the story, and producing broadcast quality work. Cannot be taken concurrently with CJN 483.

Term:

Alternates Fall & Spring

• CJN-354 Digital Cinema

Credits:

4.00

Description:

Students study cinematography techniques and theory, putting them into practical application in various projects using video cameras, lighting, and composition to create images and scenes. Students produce work in multiple environments including stage and on-location shoots.

Term:

Occasional

• CJN-355 Media Production

Prerequisites:

This course is now being offered as CJN-2355

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

- **CJN-356 TV Studio Production**

Credits:

4.00

Description:

Provides students with a hands-on introduction to the process of planning, preparing, producing, and evaluating studio productions. Students are exposed to the elements and terminology of a multi-camera studio with live switching, audio mixing, and studio lighting. Students produce interviews, public service announcements, and a live variety/talk show.

Term:

Offered Both Fall and Spring

- **CJN-357 Post Production**

Credits:

4.00

Description:

An exploration into the activities that wrap up the creation of films and television programs. Students create and add motion-graphics and visual effects to edited programs, generating output for videotape, the web, and DVD platforms.

Term:

Occasional

- **CJN-358 Family Communication**

Credits:

4.00

Description:

Looks at different family structures using communication concepts and theories as a focus to glance at family life. Communication issues include the creation of meaning and identity through storytelling, rules and roles, conflict, power, intimacy, and challenges to the family unit. Examines both fictional and real families portrayed in television, movies, documentaries, as well as in fiction and non-fiction writing. Final projects include a paper and presentation about a family communication concept as applied to a family unit.

Term:

Occasional

- **CJN-359 Advertising Copy**

Prerequisites:

CJN 257

Credits:

4.00

Description:

Continuation of basic advertising, with an emphasis on practical advertising and advertising campaigns.

Term:

Offered Both Fall and Spring

- **CJN-361 Television News Producing**

Prerequisites:

CJN-2355 (formerly CJN-355) and CJN-253

Credits:

4.00

Description:

Students produce news segments, series, and/or specials leading to broadcast quality products. Emphasis is on the pacing, timing, and flow of newscasts, as well as pre-production, tease(script and on-camera) and the issues of an audience and professional ethics. Cannot be taken concurrently with CJA 483

Term:

Alternates Fall & Spring

• CJA-363 Online Journalism

Prerequisites:

CJA-253

Credits:

4.00

Description:

The development and implementation of news stories for web media. Emphasis is on the narrative form in the integration of writing, video, sound, and photography in producing news content for the web.

Term:

Alternates Fall & Spring

• CJA-365 American Cinema

Credits:

4.00

Description:

Trends in Hollywood and U.S. independent cinema from 1970 onwards, including maverick directors, Hollywood blockbusters, and, when possible, class visits by New England-based filmmakers.

Term:

Occasional

- **CJN-366 Great Film Directors**

Credits:

4.00

Description:

An in-depth look at the films of one great film director, either American or foreign, demonstrating how the filmmaker develops his/her themes over the course of a career. Can be taken for credit more than once, but only counts once towards the major. A different director is studied each time.

Term:

Occasional

- **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness, and change processes.

Term:

Offered Fall Term

Type:

Human Behavior & Societies

- **CJN-377 Public Relations III: Writing**

Prerequisites:

CJN-277; This course is now being offered as CJN-3377

Credits:

4.00

Description:

An applied course that focuses on Public Relations research methods, the development of persuasive messages, and the selection, development and editing of appropriate materials used to communication with an organization's stakeholders.

Term:

Offered Both Fall and Spring

• CJN-378 Event Planning and Promotion

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines how events are built, promoted, managed, and assessed, with an emphasis on conventions, trade shows, and nonprofit events. Issues analyzed include facilities planning and contracts, legal issues, volunteer management, budgeting, marketing, and planner/staff communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• CJN-381 Business of Media

Prerequisites:

CJN-255

Credits:

4.00

Description:

Explores the market environment of the production and distribution of video and film. Topics include ownership and control, market structure and competition, audience measurement, and the impact of new technologies on media markets. Students work on a proposal to launch a media company.

Term:

Alternates Fall & Spring

Type:

Arts Admin Minor Elective

• CJN-383 Online Advertising

Prerequisites:

CJN-257;

Credits:

4.00

Description:

All forms of online advertising are explored, including paid search, with a focus on building a brand online.

Term:

Alternates Fall & Spring

Type:

Arts Admin Minor Elective

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

A critique of the circulation of media goods and ideologies from both a cultural and political/economic perspective. Topics include global Hollywood, the images of Muslim women in transnational media, the information society, and global social movements.

Term:

Offered Spring Term

- **CJN-387 Media and Film Criticism**

Credits:

4.00

Description:

Examination of media including film, television, radio, music, newspapers, and magazines. Theories of media criticism are discussed and applied to specific media or media products. Students are introduced to criticisms such as genre, formalist, narrative, cultural, critical cultural, and feminist.

Term:

Offered Fall Term

- **CJN-389 Social Media**

Credits:

4.00

Description:

Social media sites such as Facebook, MySpace, and Twitter are examined from a cultural and critical perspective. The use of social media for community formation, social presence, identity building, and social activism are considered. The roles of advertising, public relations, and branding are

examined.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-390 Screenwriting**

Credits:

4.00

Description:

Students learn the basic principles of writing a short film for the screen by examining professional scripts and one-act films, and then creating, step-by-step, their own one-act screenplay so that it could be ready for production.

Term:

Occasional

- **CJN-400 Media Effects and Audiences**

Prerequisites:

Prerequisite: CJN-255

Credits:

4.00

Description:

Explores the social influence of the media on U.S. society. Attention is given to the theoretical perspectives that inform media research. By the end of the semester, students will develop a critical understanding of the role and influence of the media in U.S. society.

Term:

Offered Fall Term

- **CJN-401 Networked Culture**

Credits:

4.00

Description:

Explores the influence of media convergence, digital technologies, and networked culture on the production, distribution, and consumption of media texts. Through theory, analysis and practice, students learn broad conceptual frameworks and develop models about the emergence and evolution of digital and mobile communication technologies that have shaped the contemporary media landscape. Case studies are drawn from media industries including journalism, advertising, public relations, film and television, music, video games, and the arts.

Term:

Occasional

- **CJN-403 Issues in Journalism**

Prerequisites:

CJN-112

Credits:

4.00

Description:

Each time this course is offered it examines a different issue in Journalism, such as social justice journalism, electronic journalism, ethics, political journalism, or international journalism.

Term:

Offered Fall Term

- **CJN-405 Communication Theory**

Prerequisites:

CJN Majors Only

Credits:

4.00

Description:

Interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientists, psychologists, sociologists, philosophers, and others.

Term:

Offered Both Fall and Spring

- **CJN-415 Review Writing**

Credits:

4.00

Description:

Analysis and critique of movies, theater, music, art, and food.

Term:

Offered Both Fall and Spring

- **CJN-421 Media Seminar**

Prerequisites:

Take CJN-255;CJN Majors with Senior Standing

Credits:

4.00

Description:

In an interactive and intensive seminar format, students examine special media topics through class discussion and engaging in original research. Topics may include: women, gender, and communication technologies; media and social movements; topics in cultural studies; media and democracy; media and community; and participatory media culture.

Term:

Offered Spring Term

- **CJN-437 Ad Campaigns**

Prerequisites:

CJN 359, CJN 257

Credits:

4.00

Description:

Principles of advertising campaigns. Students design, plan, and produce a national advertising campaign for a client as members of a simulated agency team.

Term:

Offered Spring Term

- **CJN-440 Health Communication**

Prerequisites:

CJN-277;

Credits:

4.00

Description:

This course examines the important functions performed by human and mediated communication for health care consumers and providers. In particular, the course focuses on the use of communication strategies to inform and influence individual and community decisions regarding health.

Term:

Occasional

- **CJN-441 Risk and Crisis Communication**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Provides students with insight into effective risk and crisis management within organizations, including health organizations. Focuses on the application of theories, strategies, and tactics from a public relations perspective. Students understand how communication can prevent, cause, accelerate, and assist in recovery from a crisis.

Term:

Occasional

- **CJN-442 Boston Sports Media**

Credits:

4.00

Description:

The history of Boston sports includes a rich media tradition that has been chronicled in various Boston sports media outlets. This course takes both an historic and contemporary approach to understanding and analyzing Boston sports media and their relationship to Boston college and professional sports.

Term:

Occasional

- **CJN-443 Advanced Reporting and Feature Writing**

Prerequisites:

Senior status or instructor consent

Credits:

4.00

Description:

Principles and techniques of advanced news, features, and investigative reporting are studied and applied, with a focus on enterprise reporting. Students develop, organize and write detailed news and news-feature stories based on original research.

Term:

Offered Fall Term

- **CJN-444 Advanced Health Communication**

Prerequisites:

CJN-340

Credits:

4.00

Description:

Explores theory and research in the development of persuasive health campaigns in many contexts including social marketing. Examines aspects of health campaigns including formative research, audience segmentation, key message tailoring, and communication tools.

Term:

Occasional

- **CJN-455 Advanced Media Production**

Prerequisites:

CJN 355

Credits:

4.00

Description:

The course focus is on specialized production techniques including advanced lighting, sound recording, cinematography and editing techniques. Students work in teams to create a variety of fiction productions.

Term:

Offered Both Fall and Spring

- **CJN-457 Integrated Marketing Communication**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines the integration of advertising, promotion, public relations and marketing communication in the strategic communication process. By learning the fundamentals of interpersonal and persuasive communication, students have an opportunity to develop an effective communication plan for a brand that includes creative copy.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-458 Advanced Sports Public Relations**

Prerequisites:

CJN-258

Credits:

4.00

Description:

Focuses on the theory and practice of effective sports public relations management including the development of sport, team, and league public relations campaigns. Also focuses on sports public relations in the context of stakeholder relations in sports.

Term:

Occasional

- **CJN-466 Seminar in Media/Film**

Prerequisites:

CJN-3455

Credits:

4.00

Description:

Functions as a capstone media/film course and merges theoretical and practical knowledge from previous classes. Students revisit concepts and apply them to advanced courses and/or create their own advanced work.

Term:

Offered Spring Term

- **CJN-470 Rhetoric and Global Context**

Credits:

4.00

Description:

Rhetoric is the strategic use of symbols to create meaning. Films, television, music, and new media communicate these meanings. Explores how rhetorical messages shape our personal and cultural identities. Topics include gender, social networking, food, politics, religion, and fashion.

Term:

Offered Fall Term

• **CJN-477 Public Relations IV: Campaigns**

Prerequisites:

CJN-277 and CJN-377 and Senior Standing. This course is now being offered as CJN-4477

Credits:

4.00

Description:

Examines case studies and typical public relations problems experienced by profit and not-for-profit organizations. The course provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign for an actual client. Fulfills ECR requirement.

Term:

Offered Both Fall and Spring

• **CJN-H477 Public Relations IV Honors: Campaigns**

Prerequisites:

CJN 277 and CJN 377; Over 84 credits and by invitation only;

Credits:

4.00

Description:

HONORS SECTION. INVITATION ONLY! Examines case studies and typical public relations problems experienced by profit and not-for-profit organizations. The course provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign for an actual client. Fulfills ECR requirement.

Type:

Honors

- **CJN-479 Environmental Public Relations**

Credits:

4.00

Description:

Examines public issues involving the environment. Focuses on public relations strategies for government agencies, corporations, and other organizations concerned with the environment.

Term:

Occasional

- **CJN-480 Documentary Film Production**

Credits:

4.00

Description:

Students analyze contemporary documentaries and study documentary history and theory. Working in teams, students produce, write, direct, crew, and edit documentary shorts.

Term:

Occasional

- **CJN-481 Making the Short Film**

Prerequisites:

CJN-2355 or instructor consent

Credits:

4.00

Description:

This advanced class works together as a crew to create of a short narrative film shot in HD video. Students learn the process of making professional-quality work, and each student is responsible for various crew positions during pre-production and the shooting of the film.

Term:

Occasional

- **CJN-482 Cultural Theory and Practice Cultural Theory & Practice**

Prerequisites:

CJN-216

Credits:

4.00

Description:

In a world of globalization and multiculturalism, communication is critical to understanding. Explores theoretical approaches to communication and applies them to specific contexts. Emerging trends in global, ethical, legal, political and social communication issues are explored.

Term:

Offered Spring Term

- **CJN-483 Suffolk TV News**

Prerequisites:

CJN-253 and CJN-2355(formerly CJN-355) and CJN-353 or CJN-361 or instructor's consent

Credits:

4.00

Description:

Students write, direct, crew, edit, and serve as talent in producing the CJN Department's weekly news program aired on Boston Cable Access. Cannot be taken concurrently with CJN 361 or CJN 353.

Term:

Offered Spring Term

- **CJN-485 Rhetoric of Protest & Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with an emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **CJN-488 Grant Writing**

Credits:

4.00

Description:

Hands-on course that explores the process of writing and submitting grants to foundations, associations, the government, and other grantors on behalf of nonprofit organizations. Students learn how to identify grant resources through research, compile an effective submission, and write supporting material such as cover letters and appendices. Also covers how grants are reviewed and tips for successful grant submissions.

Term:

Occasional

- **CJN-489 Political Communication**

Credits:

4.00

Description:

Examination of special circumstances created by politics and their impact on attempts at persuasion. Case studies of famous politicians' political campaigns are combined with discussions of current trends in media and politics.

Term:

Occasional

- **CJN-490 Temple Street Project**

Prerequisites:

CJN-253 and CJN-2355(formerly CJN-355)

Credits:

4.00

Description:

Students write, direct, crew, edit, and serve as talent in producing the CJN Department's magazine- format television program aired on the department's Youtube channel.

Term:

Offered Fall Term

- **CJN-491 Special Topics in Communications and Journalism**

Credits:

4.00

Description:

Explores current issues in the field of communication.

Term:

Offered Both Fall and Spring

- **CJN-492 Special Topics in Public Relations**

Credits:

4.00

Description:

Explores current issues in public relations.

Term:

Occasional

- **CJN-493 Special Topics in Film**

Credits:

4.00

Description:

Explores film theory, history, criticism, and genre.

Term:

Occasional

- **CJN-494 Special Topics in Advertising**

Credits:

4.00

Description:

Current issues in the field of advertising. Normally offered every semester.

Term:

Occasional

- **CJN-503 Experiential Learning in Communication**

Prerequisites:

16 Hrs of CJN coursework or CJN advisor consent

Credits:

1.00-12.00

Description:

Internships and practicum in Communication and Journalism are available prior to the start of each semester.

Term:

Offered Both Fall and Spring

- **CJN-505 Communication and Journalism Practicum**

Prerequisites:

12 hours of CJN coursework and CJN advisor consent

Credits:

1.00-12.00

Description:

Practicum and internship projects are available prior to the start of each semester. Prerequisites: Journalism majors with a minimum of 12 credits of coursework or permission of the Department Chairperson. 1-3 terms : 1-12 credits.

Term:

Offered Both Fall and Spring

• **CJN-506 Honors Seminar**

Prerequisites:

Senior CJN majors with an overall cumulative grade point average of 3.0, and a major GPA of 3.4; or instructor consent

Credits:

4.00

Description:

Senior CJN majors meeting requirements for Departmental Honors are invited to participate in this seminar, which entails research and presentation of an approved topic.

Term:

Offered Spring Term

• **CJN-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00-12.00

Description:

An independent study experience in Communication and Journalism is available prior to the start of each semester.

Term:

Offered Both Fall and Spring

- **CJN-2277 Public Relations I: Principles**

Credits:

4.00

Description:

Effective public relations involve an understanding of the history, theory, and practice of public relations including public relations concepts, the role of the practitioner, and the foundations of public relations. This course seeks to provide that foundation as an introduction to the field of public relations. Issues surrounding the history, legality, process, and principles of public relations are explored.

Term:

Offered Both Fall and Spring

- **CJN-2355 Production I**

Prerequisites:

CJN-152

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

- **CJN-3376 Public Relations II: Research**

Prerequisites:

CJN-2277 (Formerly CJN-277)

Credits:

4.00

Description:

Examines how research aids the public relations practice. Students learn research methods that address public relations planning and problem-solving. Assignments provide students with hands-on practice using research for a PR project.

Term:

Offered Both Fall and Spring

- **CJN-3377 Public Relations III: Strategic Writing**

Prerequisites:

CJN-2277(formerly CJN-277);

Credits:

4.00

Description:

Focuses on writing principles for public relations including the formulation of clear PR objectives, determining the knowledge of the target audience, and the development of key messages. Students apply these principles to common PR formats, including news releases, pitch letters, biographies, speeches, emails, digital content, and social media posts.

Term:

Offered Both Fall and Spring

- **CJN-3455 Production II**

Prerequisites:

CJN-2355(formerly CJN-355)

Credits:

4.00

Description:

Building on skills acquired in CJN 2355, students use advanced equipment and production techniques to produce complex video projects, including fiction filmmaking. Projects cover various styles and genres, such as music video and film noir.

Term:

Offered Both Fall and Spring

- **CJN-4455 Production III**

Prerequisites:

CJN-3455(formerly CJN-455)

Credits:

4.00

Description:

Builds on the theories and techniques developed in CJN 3455, focusing on the advanced concepts and skills needed to design and produce professional-level media content for digital distribution. Provides the opportunity to produce high-quality material for student media portfolios in various genres.

Term:

Offered Spring Term

- **CJN-4477 Public Relations IV: Campaigns**

Prerequisites:

CJN-2277(formerly CJN-277) and CJN-3377(formerly CJN-377) and Senior Standing.

Credits:

4.00

Description:

Examines typical public relations problems experienced by profit and not-for-profit organizations. Provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign plan for a community client.

Term:

Offered Both Fall and Spring

• **CJN-H4477 Public Relations IV Honors: Campaigns**

Prerequisites:

CJN-2277(formerly CJN-277) and CJN-377(formerly CJN-377) and CJN-3376 and by invitation only.

Credits:

4.00

Description:

Examines typical public relations problems experienced by profit and not-for-profit organizations. Provides honors students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign plan for a community client.

Term:

Offered Spring Term

Type:

Honors



2017-2018 Archived Catalog Information

Medical Dosimetry Certificate

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Requirements](#)
- [Medical Dosimetry Courses](#)
- [Gainful Employment Disclosure](#)

Certificate Requirements: 19 courses and corresponding laboratories and clinical hours, 62 credits

Core Requirements (17 courses and corresponding laboratories where applicable, 54 credits)

- **RAD-206 Introduction to Radiation Oncology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

Offers an introduction to the role of the radiation therapist and medical dosimetrist in a Radiation Oncology department. Through a combination of detailed lectures, discussions, role-playing, case studies, and hands-on laboratory exercises, students will be introduced to the professional and clinical aspects of their respective professions. Additional topics included radiation safety, patients rights, infection control, communication for the clinic, patient assessment, and psychosocial aspects of cancer including death and dying.

Term:

Offered Fall Term

- **RAD-301 Clinical Radiation I**

Prerequisites:

RAD/PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Studying through a systems-based approach, this course reviews anatomy and physiology while teaching medical terminology. Topics will include discussing the major cancers associated with each anatomical system and introducing the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

- **RAD-302 Clinical Radiation II**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

A continuation of RAD 301. Through the same didactic approach, students will learn all of the anatomical systems and their related medical terminology not taught in RAD 301.

Term:

Offered Fall Term

- **RAD-L311 Medical Dosimetry Rotation I**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Offered Spring Term

- **RAD-L312 Medical Dosimetry Rotation II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a certified medical dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Offered Fall Term

- **RAD-L313 Medical Dosimetry Rotation III**

Prerequisites:

RAD/PHYS L312, Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Offered Spring Term

- **RAD-L314 Medical Dosimetry Practicum**

Prerequisites:

RAD/PHYS-301 and RAD/PHYS-L311

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Summer

- **RAD-315 Radiation Physics I**

Prerequisites:

RAD L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

• RAD-L315 Radiation Physics I Lab

Prerequisites:

RAD/PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

1.00

Description:

Explores topics including quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

• RAD-317 Radiation Physics II

Prerequisites:

RAD 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

Expands on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. Students will also learn the principles, theories, and uses of brachytherapy.

Term:

Offered Spring Term

- **RAD-415 Dosimetry I**

Prerequisites:

RAD/PHYS 315; RAD L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Discusses the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. Students will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

- **RAD-L415 Dosimetry I Lab**

Prerequisites:

RAD 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

Provides the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

• **RAD-416 Radiation Biology**

Prerequisites:

RAD/PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students only (including Radiation Science minors)

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

• **RAD-417 Dosimetry II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

A continuation of Dosimetry I that focuses on advanced treatment planning techniques including intensity modulated radiation therapy (IMRT), arc therapy, stereotactic treatment planning, and proton therapy. The advantages of each technique/modality over conventional 3D-treatment planning will be discussed. This will also be contrasted against the specific challenges presented by each technique such as the need for better immobilization, need for 4D CT scanning and daily IGRT (kV matching and/or CBCT).

Term:

Offered Fall Term

• RAD-420 Radiation Oncology & Pathology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

Students will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

• RAD-422 Radiology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin Beginning with an introduction to radiology, students reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

• RAD-435 Brachytherapy

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

Topics will include, radioactive sources, calibration, instrumentation, factors affecting dose calculations, definitions of LDR, MDR and HDR, treatment planning and clinical dose calculation, implantation techniques, implant localization/verification, regulations, radiation safety, storage and QA. Detailed coverage of prostate brachytherapy including LDR and HDR will be emphasized.

Term:

Offered Spring Term

• RAD-450 Dosimetry Systems and Networking and Quality Assurance

Prerequisites:

Senior Status; Medical Dosimetry Students Only

Credits:

4.00

Description:

Includes a general overview of computer systems and networking in the field of radiation oncology. A historical view of computers will be covered as well as the intricate uses in the medical field today. Oncology information record and verification systems, as well as radiation therapy software used for imaging, contouring, treatment planning, and patient charting applications will be covered. Data and system security will also be addressed.

Term:

Offered Spring Term

- **RAD-476 Senior Seminar for Medical Dosimetry**

Prerequisites:

Senior Status and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will be available to second year clinical students enrolled in the Medical Dosimetry program. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in MDCB for Medical Dosimetry. Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

Biostatistics Requirement (1 course, 4 credits)

Choose one of the following:

- **BIO-273 Biostatistics**

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the statistical methods used to evaluate biological problems. Sampling, probability, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered. Software for data handling, graphics, and analysis will be used.

Term:

Offered Fall Term

Type:

Quantitative Analysis

• **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

• **PSYCH-215 Behavioral Statistics**

Prerequisites:

PSYCH 114; Restricted to majors only unless with permission of instructor.

Credits:

4.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Quantitative Analysis

Ethics Requirement (1 course, 4 credits)

Choose one of the following:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-363 Bio and Medical Ethics**

Prerequisites:

Prerequisite: Phil 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral problems facing health-care practitioners, their patients, and others involved with the practice of medicine in today's society. Issues include euthanasia, the ethics of medical experimentation, the use of reproductive technologies, genetic counseling and genetic engineering, truth-telling and confidentiality in doctor-patient relationships, the cost and availability of medical care. Normally offered every third year.

Term:

Occasional

Required Clinical Hours:

14 hours per week; Semester 2, Year 1

40 hours per week; 13 week Summer Session

24 hours per week, Year 2

Note:

The department reserves the right to require the withdrawal of a student from the Medical Dosimetry certificate program if, in its estimation, the probability of the student's success is doubtful. Factors such as academic performance, interest, effort, professionalism, compliance, attendance, and suitability for the field will be considered. Issues or concerns correlated with any one of these factors could result in withdrawal of the student from the program. Students who defer entry into the program, for any reason, will forfeit their space in the program and will be required to reapply for the following year. A student may be dismissed from the Medical Dosimetry program if they fail to maintain the minimum cumulative GPA of 3.0 or if they achieve a final grade lower than "B" in any of the Medical Dosimetry courses listed above.

If admitted into the Medical Dosimetry program, part-time and full-time students must complete clinical requirements within three years of being admitted. Medical Dosimetry graduates may seek employment immediately following graduation and will also be eligible to apply for the Medical Dosimetry Certification Board (MDCB) Medical Dosimetry Certificate Exam.



2017-2018 Archived Catalog Information

Medical Dosimetry Certificate

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Requirements](#)
- [Medical Dosimetry Courses](#)
- [Gainful Employment Disclosure](#)

• RAD-206 Introduction to Radiation Oncology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

Offers an introduction to the role of the radiation therapist and medical dosimetrist in a Radiation Oncology department. Through a combination of detailed lectures, discussions, role-playing, case studies, and hands-on laboratory exercises, students will be introduced to the professional and clinical aspects of their respective professions. Additional topics included radiation safety, patients rights, infection control, communication for the clinic, patient assessment, and psychosocial aspects of cancer including death and dying.

Term:

Offered Fall Term

• RAD-301 Clinical Radiation I

Prerequisites:

RAD/PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Studying through a systems-based approach, this course reviews anatomy and physiology while teaching medical terminology. Topics will include discussing the major cancers associated with each anatomical system and introducing the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

• RAD-L301 Radiation Therapy Rotation I

Prerequisites:

Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Offered Spring Term

- **RAD-302 Clinical Radiation II**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

A continuation of RAD 301. Through the same didactic approach, students will learn all of the anatomical systems and their related medical terminology not taught in RAD 301.

Term:

Offered Fall Term

- **RAD-L302 Radiation Therapy Rotation II**

Prerequisites:

Radiation Therapy (Major or Certificate) Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Offered Fall Term

- **RAD-L303 Radiation Therapy Rotation III**

Prerequisites:

RAD/PHYS L302; Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Offered Spring Term

- **RAD-L304 Radiation Therapy Practicum**

Prerequisites:

RAD/PHYS-301 and RAD/PHYS-L301

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Summer

- **RAD-L311 Medical Dosimetry Rotation I**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Offered Spring Term

- **RAD-L312 Medical Dosimetry Rotation II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a certified medical dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Offered Fall Term

- **RAD-L313 Medical Dosimetry Rotation III**

Prerequisites:

RAD/PHYS L312, Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Offered Spring Term

- **RAD-L314 Medical Dosimetry Practicum**

Prerequisites:

RAD/PHYS-301 and RAD/PHYS-L311

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Summer

- **RAD-315 Radiation Physics I**

Prerequisites:

RAD L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

- **RAD-L315 Radiation Physics I Lab**

Prerequisites:

RAD/PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

1.00

Description:

Explores topics including quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

- **RAD-317 Radiation Physics II**

Prerequisites:

RAD 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

Expands on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. Students will also learn the principles, theories, and uses of brachytherapy.

Term:

Offered Spring Term

- **RAD-415 Dosimetry I**

Prerequisites:

RAD/PHYS 315; RAD L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Discusses the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. Students will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

- **RAD-L415 Dosimetry I Lab**

Prerequisites:

RAD 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

Provides the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

- **RAD-416 Radiation Biology**

Prerequisites:

RAD/PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students only (including Radiation Science minors)

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

- **RAD-417 Dosimetry II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

A continuation of Dosimetry I that focuses on advanced treatment planning techniques including intensity modulated radiation therapy (IMRT), arc therapy, stereotactic treatment planning, and proton therapy. The advantages of each technique/modality over conventional 3D-treatment planning will be discussed. This will also be contrasted against the specific challenges presented by each technique such as the need for better immobilization, need for 4D CT scanning and daily IGRT (kV matching and/or CBCT).

Term:

Offered Fall Term

- **RAD-420 Radiation Oncology & Pathology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

Students will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

- **RAD-422 Radiology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin Beginning with an introduction to radiology, students reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

- **RAD-435 Brachytherapy**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

Topics will include, radioactive sources, calibration, instrumentation, factors affecting dose calculations, definitions of LDR, MDR and HDR, treatment planning and clinical dose calculation, implantation techniques, implant localization/verification, regulations, radiation safety, storage and QA. Detailed coverage of prostate brachytherapy including LDR and HDR will be emphasized.

Term:

Offered Spring Term

- **RAD-450 Dosimetry Systems and Networking and Quality Assurance**

Prerequisites:

Senior Status; Medical Dosimetry Students Only

Credits:

4.00

Description:

Includes a general overview of computer systems and networking in the field of radiation oncology. A historical view of computers will be covered as well as the intricate uses in the medical field today. Oncology information record and verification systems, as well as radiation therapy software used for imaging, contouring, treatment planning, and patient charting applications will be covered. Data and system security will also be addressed.

Term:

Offered Spring Term

- **RAD-475 Senior Seminar for Radiation Therapy**

Prerequisites:

Senior status, Radiation Therapy Students Only

Credits:

4.00

Description:

Available to senior students enrolled in the Radiation Therapy program. A seminar style course that serves many purposes; one of which will be preparing our graduating students for board certification (ARRT). Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **RAD-476 Senior Seminar for Medical Dosimetry**

Prerequisites:

Senior Status and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will be available to second year clinical students enrolled in the Medical Dosimetry program. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in MDCB for Medical Dosimetry. Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **PHYS-206 Introduction to Radiation Oncology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will serve as an introduction to the role of the radiation therapist and medical dosimetrist in a Radiation Oncology department. Through a combination of detailed lectures, discussions, role-playing, case studies, and hands-on laboratory exercises, students will be introduced to the professional and clinical aspects of their respective professions. Additional topics included radiation safety, patients rights, infection control, communication for the clinic, patient assessment, and psychosocial aspects of cancer including death and dying.

Term:

Offered Fall Term

- **PHYS-301 Clinical Radiation I**

Prerequisites:

PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Through a systems-based approach, this course will review anatomy and physiology while teaching medical terminology. This course will also discuss the major cancers associated with each anatomical system and introduce the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

- **PHYS-L301 Radiation Therapy Rotation I**

Prerequisites:

Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

- **PHYS-302 Clinical Radiation II**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

This course is a continuation of MS 301. Through the same didactic approach, the course will cover all of the anatomical systems and their related medical terminology NOT covered in MS 301.

Term:

Offered Fall Term

- **PHYS-L302 Radiation Therapy Rotation II**

Prerequisites:

Radiation Therapy (Major or Certificate) Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Fall Term

- **PHYS-L303 Radiation Therapy Rotation III**

Prerequisites:

PHYS L302; Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

- **PHYS-L304 Radiation Therapy Practicum**

Prerequisites:

Take PHYS-301 PHYS-L301;*Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student radiation therapists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on patient care experience in the department of radiation oncology at our clinical affiliates. Under constant supervision by licensed therapists, the student will be guided toward the application of theory in the real world of cancer treatment.

Term:

Summer

- **PHYS-L311 Medical Dosimetry Rotation I**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Two,8-hour days per week, TTH.

Term:

Offered Spring Term

- **PHYS-L312 Medical Dosimetry Rotation II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a certified medical dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three 8-hour days per week, MWF.

Term:

Offered Fall Term

- **PHYS-L313 Medical Dosimetry Rotation III**

Prerequisites:

PHYS L312, Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three, 8-hour days per week, MWF.

Term:

Offered Spring Term

- **PHYS-L314 Medical Dosimetry Practicum**

Prerequisites:

Take PHYS-301 and PHYS-L311; *Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student dosimetrists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on treatment planning experience in the department of radiation oncology at our clinical affiliates. Under constant supervision of certified medical dosimetrists, the student will be guided toward the application of theory in the real world of cancer treatment planning.

Term:

Summer

• PHYS-315 Radiation Physics I

Prerequisites:

PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

• PHYS-L315 Radiation Physics I Lab

Prerequisites:

PHYS 315 concurrently

Credits:

1.00

Description:

This lab will cover a broad range of experiments associated with the Department of Radiation Oncology at Massachusetts General Hospital. Topics include: Quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

- **PHYS-317 Radiation Physics II**

Prerequisites:

PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is intended to expand on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. This course will also cover the principles, theories, and uses of brachytherapy. This course was previously MS 412

Term:

Offered Spring Term

- **PHYS-415 Dosimetry I**

Prerequisites:

PHYS 315; PHYS L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

This course will discuss the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. This course will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

- **PHYS-L415 Dosimetry I Lab**

Prerequisites:

PHYS 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

This lab will provide the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

- **PHYS-417 Dosimetry II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is a continuation of Clinical Dosimetry I and will focus on advanced treatment planning techniques including intensity modulated radiation therapy (IMRT), arc therapy, stereotactic treatment planning, and proton therapy. The advantages of each technique/modality over conventional 3D-treatment planning will be discussed. This will also be contrasted against the specific challenges presented by each technique such as the need for better immobilization, need for 4D CT scanning and daily IGRT (kV matching and/or CBCT).

Term:

Offered Fall Term

• PHYS-416 Radiation Biology

Prerequisites:

PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students only (including Radiation Science minors)

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

• PHYS-420 Radiation Oncology & Pathology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course, taught by Massachusetts General Hospital physicians will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

- **PHYS-422 Radiology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin with an introduction to radiology, reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

- **PHYS-435 Brachytherapy**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

Topics in this course will include, radioactive sources, calibration, instrumentation, factors affecting dose calculations, definitions of LDR, MDR and HDR, treatment planning and clinical dose calculation, implantation techniques, implant localization/verification, regulations, radiation safety, storage and QA. Detailed coverage of prostate brachytherapy including LDR and HDR will be emphasized.

Term:

Offered Spring Term

• PHYS-450 Dosimetry Systems and Networking and Quality Assurance

Prerequisites:

Senior Status; Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is designed for the medical dosimetry student, to include a general overview of computer systems and networking in the field of radiation oncology. A historical view of computers will be covered as well as the intricate uses in the medical field today. Oncology information systems such as MOSAIC and ARIA, as well as radiation therapy software used for imaging, contouring, treatment planning, and patient charting applications will be covered. Data and system security will also be addressed.

Term:

Offered Spring Term

• PHYS-475 Senior Seminar for Radiation Therapy

Prerequisites:

Senior status, Radiation Therapy Students Only

Credits:

4.00

Description:

This course will be available to senior students enrolled in the Radiation Therapy and Medical Dosimetry programs. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in their respective disciplines (AART for Radiation Therapy and MDCB for Medical Dosimetry). Exam preparation will include the use of lectures, student teaching, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **PHYS-476 Senior Seminar for Medical Dosimetry**

Prerequisites:

Senior Status and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will be available to second year clinical students enrolled in the Medical Dosimetry program. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in MDCB for Medical Dosimetry. Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR



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Academic Catalogs

[Academic Catalogs](#) > [Undergraduate Catalog](#) > [College of Arts & Sciences](#) > [Majors, Minors, & Certificates](#) > Medical Dosimetry Certificate

2017-2018 Archived Catalog Information

Medical Dosimetry Certificate

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Requirements](#)
- [Medical Dosimetry Courses](#)
- [Gainful Employment Disclosure](#)

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Medical Dosimetry](#).



2017-2018 Archived Catalog Information

Music History

The Music History major and Music History minor are available through the World Languages & Cultural Studies Department.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Music History Courses](#)

Major Requirements: 12 courses, 39-42 credits

Core Requirements (4 courses, 10 credits)

- **CAS-201 College to Career: Explore Your Options And Find Your Path**

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

- **MUH-101 History of Music I**

Credits:

4.00

Description:

Surveys Western music from CE800-1800, from Gregorian to Beethoven; selected major composers, representative masterworks, and the musical styles of the Medieval, Renaissance, Baroque, and Classical periods; links the music to some of the major historical, cultural, artistic, and intellectual trends of these periods. Normally offered yearly.

Term:

Offered Fall Term

- **MUH-102 History of Music II**

Credits:

4.00

Description:

Surveys Western art music from 1800-present, from Schubert to Jennifer Higdon; selected major composers, representative masterworks, and the musical styles of Romantic, Contemporary, and post-Modern periods; links the music to some of the major historical, cultural, artistic, and intellectual trends of these periods. Normally offered yearly.

Term:

Offered Spring Term

- **MUH-511 Advanced Professional Development**

Prerequisites:

Instructor's Permission required

Credits:

1.00

Description:

Students explore and prepare for career options in the field of Music.

Advanced Courses (8 courses, 29-32 credits)

Choose from the following. Students may choose eight Music History courses or combine Music History courses and related options.

Music History Courses (6-8 courses, 24-32 credits)

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Surveys American music from Colonial times to the present; various attempts to create an indigenous musical style; vernacular and art music genres including folk, concert, and religious music, jazz and musical theatre; includes music of Billings, Amy Beach, Ives, Copland, Bernstein, and Libby Larsen. Normally offered yearly.

Term:

Alternates Fall & Spring

- **MUH-212 Popular Music in the United States**

Credits:

4.00

Description:

Covers various popular music styles that emerged in America from 1850 to the present including minstrelsy, art song, piano music, band music, blues, jazz, country, rock and rap; includes representative musical selections, emphasis the social and cultural factors that foster the emergence and developed of these genres. Normally offered every other year.

Term:

Occasional

- **MUH-221 History of Women in Music**

Credits:

4.00

Description:

Surveys music in the lives of women, including composers, performers, producers, mothers, and educators from the Middle Ages to the present; examines issues of gender and control, perspective in historical narrative, and religious and secular traditions that impact the cross-cultural reception of women's music. Normally offered every year.

Term:

Alternates Fall & Spring

- **MUH-223 World Music**

Credits:

4.00

Description:

Covers topics in folk, traditional, and modern music of Africa, the Middle East, Asia, and Europe in the context of the cultures and lives of the indigenous peoples of those regions; examines how music interacts with the issues of race, gender, class, religion, politics, and social movements. Normally offered every other year.

Term:

Occasional

- **MUH-227 Jazz and Blues**

Credits:

4.00

Description:

Follows the evolution of jazz from blues and ragtime through Dixieland, Swing, Bebop, Cool, Latin, Modern, Free, Fusion, and Avant-Garde to Post-modern expressions of the present; the contributions of major soloists, arrangers, composers, leaders, and bands. Normally offered every year.

Term:

Occasional

- **MUH-331 Music in Film**

Credits:

4.00

Description:

Studies the history and development of film music in Hollywood through its major composers and styles, the techniques of film scoring, and how music and its relationship to film have changed over the last century; critical listening to movie music while viewing films. Normally offered every other year.

Term:

Occasional

Related Options (A maximum of 2 courses, 8 credits)

Choose any [Art History](#) course at the 200-level or above.

Notes:

- AP Credit: not applicable.
- A maximum of 3 courses taken at other institutions or as part of a study abroad program may be applied toward the major.
- Independent Study (MUH-510) may be taken only once (permission required).

- Any Seminar for Freshmen with a strong music component (50% or more of course content) may count toward the major with approval of the student's advisor.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Music History

The Music History major and Music History minor are available through the World Languages & Cultural Studies Department.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Music History Courses](#)

Minor Requirements: 6 courses, 24 credits

Core Requirements (2 courses, 8 credits)

- MUH-101 History of Music I

Credits:

4.00

Description:

Surveys Western music from CE800-1800, from Gregorian to Beethoven; selected major composers, representative masterworks, and the musical styles of the Medieval, Renaissance, Baroque, and Classical periods; links the music to some of the major historical, cultural, artistic, and intellectual trends of these periods. Normally offered yearly.

Term:

Offered Fall Term

- **MUH-102 History of Music II**

Credits:

4.00

Description:

Surveys Western art music from 1800-present, from Schubert to Jennifer Higdon; selected major composers, representative masterworks, and the musical styles of Romantic, Contemporary, and post-Modern periods; links the music to some of the major historical, cultural, artistic, and intellectual trends of these periods. Normally offered yearly.

Term:

Offered Spring Term

Advanced Courses (4 courses, 16 credits)

Choose from the following. Students may choose four Music History courses or combine Music History courses and related options.

Music History Courses (3 or 4 courses, 12-16 credits)

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Surveys American music from Colonial times to the present; various attempts to create an indigenous musical style; vernacular and art music genres including folk, concert, and religious music, jazz and musical theatre; includes music of Billings, Amy Beach, Ives, Copland, Bernstein, and Libby Larsen. Normally offered yearly.

Term:

Alternates Fall & Spring

- MUH-212 Popular Music in the United States

Credits:

4.00

Description:

Covers various popular music styles that emerged in America from 1850 to the present including minstrelsy, art song, piano music, band music, blues, jazz, country, rock and rap; includes representative musical selections, emphasis the social and cultural factors that foster the emergence and developed of these genres. Normally offered every other year.

Term:

Occasional

- MUH-221 History of Women in Music

Credits:

4.00

Description:

Surveys music in the lives of women, including composers, performers, producers, mothers, and educators from the Middle Ages to the present; examines issues of gender and control, perspective in historical narrative, and religious and secular traditions that impact the cross-cultural reception of women's music. Normally offered every year.

Term:

Alternates Fall & Spring

- MUH-223 World Music

Credits:

4.00

Description:

Covers topics in folk, traditional, and modern music of Africa, the Middle East, Asia, and Europe in the context of the cultures and lives of the indigenous peoples of those regions; examines how music interacts with the issues of race, gender, class, religion, politics, and social movements. Normally offered every other year.

Term:

Occasional

- **MUH-227 Jazz and Blues**

Credits:

4.00

Description:

Follows the evolution of jazz from blues and ragtime through Dixieland, Swing, Bebop, Cool, Latin, Modern, Free, Fusion, and Avant-Garde to Post-modern expressions of the present; the contributions of major soloists, arrangers, composers, leaders, and bands. Normally offered every year.

Term:

Occasional

- **MUH-331 Music in Film**

Credits:

4.00

Description:

Studies the history and development of film music in Hollywood through its major composers and styles, the techniques of film scoring, and how music and its relationship to film have changed over the last century; critical listening to movie music while viewing films. Normally offered every other year.

Term:

Occasional

Related Options (maximum of 1 course)

Choose any [Art History](#) course at the 200-level or above

Notes:

- AP Credit: not applicable
- A maximum of 2 courses taken at other institutions or as part of a study abroad program may apply toward the minor.
- Any Seminar for Freshmen with a strong music component (50% or more of course content) may count toward the minor program with approval of the student's advisor.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Music History

The Music History major and Music History minor are available through the World Languages & Cultural Studies Department.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Music History Courses](#)

Students interested in honors should consult with the department chair during the spring semester of their junior year. Qualifying students must have a 3.2 overall GPA as well as a 3.5 overall GPA in Music History courses.

Honors candidates should register for Music History-502 in the fall semester of the senior year. Under the guidance of a faculty member, they will use this course to complete a research paper, which will be evaluated by all the professors in the student's field of study. If the evaluation is positive, the student will make an oral presentation of the paper in the spring.

- **MUH-502 Honors Thesis in Music History**

Prerequisites:

Senior standing & permission of the Dept.Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.



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Music History

The Music History major and Music History minor are available through the World Languages & Cultural Studies Department.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Music History Courses](#)

- MUH-101 History of Music I

Credits:

4.00

Description:

Surveys Western music from CE800-1800, from Gregorian to Beethoven; selected major composers, representative masterworks, and the musical styles of the Medieval, Renaissance, Baroque, and Classical periods; links the music to some of the major historical, cultural, artistic, and intellectual trends of these periods. Normally offered yearly.

Term:

Offered Fall Term

- **MUH-102 History of Music II**

Credits:

4.00

Description:

Surveys Western art music from 1800-present, from Schubert to Jennifer Higdon; selected major composers, representative masterworks, and the musical styles of Romantic, Contemporary, and post-Modern periods; links the music to some of the major historical, cultural, artistic, and intellectual trends of these periods. Normally offered yearly.

Term:

Offered Spring Term

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Surveys American music from Colonial times to the present; various attempts to create an indigenous musical style; vernacular and art music genres including folk, concert, and religious music, jazz and musical theatre; includes music of Billings, Amy Beach, Ives, Copland, Bernstein, and Libby Larsen. Normally offered yearly.

Term:

Alternates Fall & Spring

- **MUH-212 Popular Music in the United States**

Credits:

4.00

Description:

Covers various popular music styles that emerged in America from 1850 to the present including minstrelsy, art song, piano music, band music, blues, jazz, country, rock and rap; includes representative musical selections, emphasis the social and cultural factors that foster the emergence and developed of these genres. Normally offered every other year.

Term:

Occasional

- **MUH-221 History of Women in Music**

Credits:

4.00

Description:

Surveys music in the lives of women, including composers, performers, producers, mothers, and educators from the Middle Ages to the present; examines issues of gender and control, perspective in historical narrative, and religious and secular traditions that impact the cross-cultural reception of women's music. Normally offered every year.

Term:

Alternates Fall & Spring

- **MUH-223 World Music**

Credits:

4.00

Description:

Covers topics in folk, traditional, and modern music of Africa, the Middle East, Asia, and Europe in the context of the cultures and lives of the indigenous peoples of those regions; examines how music interacts with the issues of race, gender, class, religion, politics, and social movements. Normally offered every other year.

Term:

Occasional

- **MUH-227 Jazz and Blues**

Credits:

4.00

Description:

Follows the evolution of jazz from blues and ragtime through Dixieland, Swing, Bebop, Cool, Latin, Modern, Free, Fusion, and Avant-Garde to Post-modern expressions of the present; the contributions of major soloists, arrangers, composers, leaders, and bands. Normally offered every year.

Term:

Occasional

- **MUH-290 Internship in Music**

Prerequisites:

ARH-101, ARH-102, and Permission of Instructor

Credits:

1.00- 4.00

Description:

Designed to accompany an internship at a local museum, library, school, booking agency, or other music organization or institution, this independent study course will carry variable credit depending on the number of hours devoted to the internship and the related academic work done by the student.

- **MUH-331 Music in Film**

Credits:

4.00

Description:

Studies the history and development of film music in Hollywood through its major composers and styles, the techniques of film scoring, and how music and its relationship to film have changed over the last century; critical listening to movie music while viewing films. Normally offered every other year.

Term:

Occasional

- **MUH-502 Honors Thesis in Music History**

Prerequisites:

Senior standing & permission of the Dept.Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

- **MUH-511 Advanced Professional Development**

Prerequisites:

Instructor's Permission required

Credits:

1.00

Description:

Students explore and prepare for career options in the field of Music.



2017-2018 Archived Catalog Information

Philosophy

The Philosophy program teaches analytical and writing skills that provide a solid foundation for law school, graduate training, or professional school. Philosophy students complete their undergraduate training prepared to pursue careers in community and public service, theology, college and secondary teaching, health services and medical ethics, business and business management, writing, and journalism and communications. A minor in Philosophy is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Applied Ethics Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Philosophy Courses](#)

Major Requirements: 11 courses, 38 credits

Core Requirements (4 courses, 10 credits)

- CAS-201 College to Career: Explore Your Options And Find Your Path

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **PHIL-211 History of Modern Philosophy**

Prerequisites:

Restricted to PHIL majors, minors, and CAS Honors students.

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

- **PHIL-515 Senior Symposium**

Prerequisites:

Prerequisite: PHIL 210 and 211 and consent of instructor.

Credits:

1.00

Description:

This is a required course for all students in the major, to be taken in the Spring Semester of their senior year. Students will prepare a portfolio of their previous coursework, collaborate with the faculty symposium leader on a selection of texts to read in common with other seniors, and prepare one paper for delivery at the Senior Symposium, usually held in late April. Students seeking Honors in Philosophy must take this course to complete the senior thesis. PHIL 210 and 211 and consent of instructor. 1 term - 4 credits. Normally offered Spring Semester every year.

Term:

Offered Spring Term

Core Electives (3 courses, 12 credits)

Choose one of the following:

- **PHIL-113 Critical Thinking and Argumentation**

Credits:

4.00

Description:

An introduction to non-formal methods of analyzing and formulating arguments, including treatment of such concepts/topics as: the nature of argument, induction, deduction, validity, soundness, aspects of language which tend to interfere with logical thought, definition, role of emotion, types of disagreement, and fallacies. The course also emphasizes the practical application of sound reasoning in both evaluating arguments and making arguments of one's own about matters of issues facing society. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

• **PHIL-212 Formal Logic**

Credits:

4.00

Description:

An introduction to formal (or semi-formal) study of the basic types of deductive arguments (propositional and syllogistic logic). 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Quantitative Analysis

Choose one of the following:

• **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Choose one Philosophy course at the 400-level

Electives (4 courses, 16 credits)

Students are required to take four additional Philosophy courses selected with the help of an advisor. At least one of these additional courses should be at the 200-level or higher and one should be at the 300-level or higher. A detailed program suited to the needs of the individual student will be developed for each Philosophy major.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Philosophy

The Philosophy program teaches analytical and writing skills that provide a solid foundation for law school, graduate training, or professional school. Philosophy students complete their undergraduate training prepared to pursue careers in community and public service, theology, college and secondary teaching, health services and medical ethics, business and business management, writing, and journalism and communications. A minor in Philosophy is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Applied Ethics Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Philosophy Courses](#)

Major Requirements with Applied Ethics Concentration: 11 courses, 38 credits

Requirements for the Applied Ethics concentration supersede all other requirements for the major.

Core Requirements (6 courses, 18 credits)

- **CAS-201 College to Career: Explore Your Options And Find Your Path**

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor

consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **PHIL-211 History of Modern Philosophy**

Prerequisites:

Restricted to PHIL majors, minors, and CAS Honors students.

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Social & Intellectual HST

- **PHIL-515 Senior Symposium**

Prerequisites:

Prerequisite: PHIL 210 and 211 and consent of instructor.

Credits:

1.00

Description:

This is a required course for all students in the major, to be taken in the Spring Semester of their senior year. Students will prepare a portfolio of their previous coursework, collaborate with the faculty symposium leader on a selection of texts to read in common with other seniors, and prepare one paper for delivery at the Senior Symposium, usually held in late April. Students seeking Honors in Philosophy must take this course to complete the senior thesis. PHIL 210 and 211 and consent of instructor. 1 term - 4 credits. Normally offered Spring Semester every year.

Term:

Offered Spring Term

Core Elective (1 course, 4 credits)

Choose one of the following:

- **PHIL-113 Critical Thinking and Argumentation**

Credits:

4.00

Description:

An introduction to non-formal methods of analyzing and formulating arguments, including treatment of such concepts/topics as: the nature of argument, induction, deduction, validity, soundness, aspects of language which tend to interfere with logical thought, definition, role of emotion, types of disagreement, and fallacies. The course also emphasizes the practical application of sound reasoning in both evaluating arguments and making arguments of one's own about matters of issues facing society. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-212 Formal Logic**

Credits:

4.00

Description:

An introduction to formal (or semi-formal) study of the basic types of deductive arguments (propositional and syllogistic logic). 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Quantitative Analysis

Applied Ethics Requirements (4 courses, 16 credits)

Choose four courses in Applied Ethics, at least two of which must be at the 200-level or higher:

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-251 Philosophy of Race & Gender**

Credits:

4.00

Description:

Prejudice of many kinds, such as racism and sexism, is so embedded in our social institutions, and is so traditional and pervasive that we often fail to notice it. In this course, we will deal with the history and nature of racism and sexism, as well as with possible solutions to these problems, including affirmative action and busing. Also to be discussed will be homosexuality, pornography and sex roles. 1 term - 4 credits. Normally offered alternate years. C a

Term:

Occasional

- PHIL-319 Topics in Applied Ethics

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

This course will address in depth one or more specific issues in applied ethics. Topics will vary and may range from applied issues in political thought, such as just war theory or transitional justice, to specific questions in professional ethics or social policy, such as end-of-life care, economic justice, or the role of technology in the human future. Prerequisite: PHIL 119, or 123, or 127. 1 term - 4 credits. Normally offered every other year.

Term:

Occasional

- PHIL-362 Environmental Ethics

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

An examination of the moral issues involved in the interaction of humans with their natural environment. Topics include: the environmental crisis, human-centered vs. nature-centered ethics, intrinsic value in nature, obligations to future generations, the importance of preserving endangered species and wilderness, radical ecology, eco-feminism, and the role of social justice in environmental issues. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every year.

Term:

Occasional

- PHIL-363 Bio and Medical Ethics

Prerequisites:

Prerequisite: Phil 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral problems facing health-care practitioners, their patients, and others involved with the practice of medicine in today's society. Issues include euthanasia, the ethics of medical experimentation, the use of reproductive technologies, genetic counseling and genetic engineering, truth-telling and confidentiality in doctor-patient relationships, the cost and availability of medical care. Normally offered every third year.

Term:

Occasional

- PHIL-364 Business Ethics

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

An examination of the ethical questions in the working life and policies of the business and professional sectors of society. The focus will vary, but common themes will include: the role of commerce in civil society; the relation of business to conceptions of economic and social justice; the meaning and application of codes of ethics; obligations of corporations and professional organizations to shareholders and stakeholders; responsibilities to clients and colleagues; workplace conduct; the nature of success and conflicts between legal and moral obligations; the impact of globalization. The course will employ a variety of readings, including ethical theory and specific case studies. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every other year.

Term:

Occasional

• PHIL-513 Internship in Applied Ethics

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120 and consent of instructor

Credits:

4.00

Description:

Students in this course will serve as interns in a department-approved position with a service provider, professional organization, government agency, or non-governmental organization whose work is relevant to issues in applied ethics. A faculty mentor will meet with students regularly to develop individually designed programs of readings and to discuss this material and its relation to the internship experience. In addition to the substantial time commitment to the internship, course requirements will usually include a journal and a research project. PHIL 119 or 123 or 127 and consent of instructor. 1 term -4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring



2017-2018 Archived Catalog Information

Philosophy

The Philosophy program teaches analytical and writing skills that provide a solid foundation for law school, graduate training, or professional school. Philosophy students complete their undergraduate training prepared to pursue careers in community and public service, theology, college and secondary teaching, health services and medical ethics, business and business management, writing, and journalism and communications. A minor in Philosophy is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Applied Ethics Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Philosophy Courses](#)

Minor Requirements: 5 courses, 20 credits

Core Requirements (2 courses, 8 credits)

Choose one of the following:

- PHIL-119 Ethics

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

• PHIL-123 Social Ethics: The Good Life

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

• PHIL-127 Contemporary Moral Issues

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Choose one of the following:

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **PHIL-211 History of Modern Philosophy**

Prerequisites:

Restricted to PHIL majors, minors, and CAS Honors students.

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

Electives (3 courses, 12 credits)

Choose three additional courses, two of which should be at the 200-level or higher.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Philosophy

The Philosophy program teaches analytical and writing skills that provide a solid foundation for law school, graduate training, or professional school. Philosophy students complete their undergraduate training prepared to pursue careers in community and public service, theology, college and secondary teaching, health services and medical ethics, business and business management, writing, and journalism and communications. A minor in Philosophy is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Applied Ethics Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
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- [Philosophy Courses](#)

In order to be eligible for honors in Philosophy, students must satisfy the following criteria:

1. Students must major in Philosophy and have an overall GPA of 3.5, and a 3.5 GPA in Philosophy courses.
2. Candidates must complete either two years of language study by graduation or PHIL-212 (Formal Logic) and PHIL-423 (Advanced Formal Logic) or the equivalent in exceptional cases.
3. Candidates should consult with the chair of the Philosophy department at the beginning of their junior year in order to apply for admission to the honors program in Philosophy. They must find a thesis supervisor by the end of their junior year.
4. Honors candidates must take a minimum of two 400-level courses.
5. Honors candidates should register for PHIL-515 (Senior Symposium) during the second half of their senior year. They must coordinate their thesis work (guided by their chosen supervisor) with the instructor in PHIL-515. For honors students, this course will entail completion of a major research

paper, based on a proposal developed in PHIL-514. Research papers will be read and evaluated by the faculty of the department. Honors students will then defend their papers in individual sessions with the faculty. Honors will be awarded by a majority vote of the faculty.

- **PHIL-212 Formal Logic**

Credits:

4.00

Description:

An introduction to formal (or semi-formal) study of the basic types of deductive arguments (propositional and syllogistic logic). 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Quantitative Analysis

- **PHIL-423 Advanced Formal Logic**

Prerequisites:

Prerequisite: PHIL 212 or consent of instructor.

Credits:

4.00

Description:

In this course, students will put to work the logical theory developed in Formal Logic (Phil 212). In particular, students will use First-Order Logic to investigate computability and computation theory. Goedel's First and Second Incompleteness Theorems are a particular focus in the course.

Prerequisite: PHIL 212 or consent of instructor. 1 term -4 credits. Normally offered alternate years.

Term:

Occasional

- **PHIL-514 Advanced Topics in Philosophy**

Prerequisites:

Prerequisite: PHIL 210 or PHIL 211 and consent of instructor.

Credits:

4.00

Description:

Students with sufficient background in philosophy and a special interest in areas of philosophy which cannot be covered in regularly offered courses will be guided by senior members of the Department. Students working on Honors in Philosophy must take this course in the first semester of their senior year to prepare a thesis proposal. PHIL 210 or PHIL 211 and consent of instructor. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

- **PHIL-515 Senior Symposium**

Prerequisites:

Prerequisite: PHIL 210 and 211 and consent of instructor.

Credits:

1.00

Description:

This is a required course for all students in the major, to be taken in the Spring Semester of their senior year. Students will prepare a portfolio of their previous coursework, collaborate with the faculty symposium leader on a selection of texts to read in common with other seniors, and prepare one paper for delivery at the Senior Symposium, usually held in late April. Students seeking Honors in Philosophy must take this course to complete the senior thesis. PHIL 210 and 211 and consent of instructor. 1 term - 4 credits. Normally offered Spring Semester every year.

Term:

Offered Spring Term



SUFFOLK
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Academic Catalogs

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2017-2018 Archived Catalog Information

Philosophy

The Philosophy program teaches analytical and writing skills that provide a solid foundation for law school, graduate training, or professional school. Philosophy students complete their undergraduate training prepared to pursue careers in community and public service, theology, college and secondary teaching, health services and medical ethics, business and business management, writing, and journalism and communications. A minor in Philosophy is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Applied Ethics Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Philosophy Courses](#)

Phi Sigma Tau Philosophy Honor Society

Phi Sigma Tau, the National Honor Society for Philosophy, established its Massachusetts Beta Chapter at Suffolk in 1965. Active membership is open to students who have reached junior standing, and who have completed at least six courses in philosophy at Suffolk with an average of 3.3, plus a cumulative average of 3.0.



2017-2018 Archived Catalog Information

Philosophy

The Philosophy program teaches analytical and writing skills that provide a solid foundation for law school, graduate training, or professional school. Philosophy students complete their undergraduate training prepared to pursue careers in community and public service, theology, college and secondary teaching, health services and medical ethics, business and business management, writing, and journalism and communications. A minor in Philosophy is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Applied Ethics Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Philosophy Courses](#)

- **PHIL-113 Critical Thinking and Argumentation**

Credits:

4.00

Description:

An introduction to non-formal methods of analyzing and formulating arguments, including treatment of such concepts/topics as: the nature of argument, induction, deduction, validity, soundness, aspects of language which tend to interfere with logical thought, definition, role of emotion, types of disagreement, and fallacies. The course also emphasizes the practical application of sound reasoning in both evaluating arguments and making arguments of one's own about matters of issues facing society. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-115 Introduction to Philosophy**

Credits:

4.00

Description:

A general introduction to the nature of philosophical analysis. Lectures, readings, and discussions will focus on representative issues and thinkers from the main areas of philosophy (such the nature of truth, reality, morality, politics, and religion). 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-H115 Honors Introduction to Philosophy**

Credits:

4.00

Description:

A general introduction to the nature of philosophical analysis. Lectures, readings, and discussions will focus on representative issues and thinkers from the main areas of philosophy (such the nature of truth, reality, morality, politics, and religion). 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Honors

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-H119 Honors Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? Prerequisite: Philosophy majors, minors, or honor students only. 1 term -4 credits.

Term:

Occasional

Type:

Honors

- **PHIL-E119 Service Learning Component**

Prerequisites:

PHIL-119 concurrently and Instructor consent

Credits:

0.00

Description:

Service Learning Component

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-E123 Service Learning Component**

Prerequisites:

PHIL-123 concurrently and Instructor consent

Credits:

0.00

Description:

Service Learning Component

Type:

Local Engagement Experience

- **PHIL-H123 Honors Social Ethics: The Good Life**

Prerequisites:

Limited to PHIL majors, minors, and CAS Honors students.

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc.

Prerequisite: Philosophy majors, minors, or honor students only. 1 term -4 credits.

Term:

Occasional

Type:

Honors

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-H127 Honors Contemporary Moral Issues**

Prerequisites:

Limited to PHIL majors, minors, and CAS Honors students.

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Prerequisite: Philosophy majors, minors, or honor students only. 1 term -4 credits.

Term:

Occasional

Type:

Honors

- **PHIL-E127 Service Learning Component**

Prerequisites:

PHIL-127 concurrently and Instructor consent

Credits:

0.00

Description:

Service Learning Component

Type:

Local Engagement Experience

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **PHIL-211 History of Modern Philosophy**

Prerequisites:

Restricted to PHIL majors, minors, and CAS Honors students.

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

• PHIL-212 Formal Logic

Credits:

4.00

Description:

An introduction to formal (or semi-formal) study of the basic types of deductive arguments (propositional and syllogistic logic). 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Quantitative Analysis

• PHIL-219 Philosophy of Art

Credits:

4.00

Description:

What counts as art? What is beauty? Are there objective standards of beauty? This course examines the nature of aesthetic experience, art, beauty, and creativity. Through the classic and contemporary readings, the students will be introduced to philosophical issues concerning the meaning of art,

artistic representation, perceptions of art, interpretation, and criticism. Students will be encouraged to reflect on their own experience of art and explore the relationships among the artist, the audience, the artwork, and the world. 1 term - 4 credits. Normally offered every third year.

- **PHIL-223 Philosophy in Literature**

Credits:

4.00

Description:

An inquiry into some philosophical themes in modern literature. Existential reality, immortality, faith and nature, morality and reason will be explored through the creative word of modern authors. Special emphasis will be placed on recurrent themes and their philosophical belief structure and meaning. 1 term - 4 credits.

- **PHIL-228 Feminist Philosophy**

Credits:

4.00

Description:

This course is an introduction to the philosophy of feminist thought. Feminist theories of epistemology, metaphysics and morality will be examined as critiques of traditional philosophy,. Feminist perspectives and methodologies include radical, liberal, postmodern, as well as more recent trends in ecofeminism. Special emphasis will be placed on explicit and implicit practices of alienation and exclusion as they have unfolded in the gendering of thought, truth, and reality. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

- **PHIL-229 Eco-Feminism**

Prerequisites:

PHIL 119, or PHIL 123, or PHIL 127

Credits:

4.00

Description:

Examines the political, social, and ecological problems facing us as a global community. Having its roots in feminist theory and deep-ecology, eco-feminism provides a critical framework for ecological responsibility and accountability. Writings from eco-feminist thinkers and environmental activists around the world will be used to highlight the philosophical and political conflicts and challenges, including globalization and loss of biodiversity, global warming, international human rights, the relationship of gender and nature, and modes of redress for eco-justice and sustainable development.

- **PHIL-235 The Meaning of Life**

Credits:

4.00

Description:

The question about the meaning of life is among the oldest and most perplexing questions of humanity. What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our own destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? While our main focus will be philosophical, students will also explore the multiplicity of perspectives on life-meaning through the works of artists, poets, theologians, and psychologists. We will approach the question of the meaning of life both as an exciting intellectual endeavor and an existential challenge of great practical importance.

- **PHIL-245 Ethics for Social Media and the Internet**

Credits:

2.00

Description:

The emerging communities and complexities of the digital world present new and sometimes unprecedented ethical problems for society. This course will examine some of these issues, such as: the norms of social media; the etiquette of digital media usage; what constitutes digital community and online relationships; cyber-bullying; online identity; online journalism and the responsibility to truth in the digital age; digital propaganda and cyber-crime.

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Social & Intellectual HST

- **PHIL-251 Philosophy of Race & Gender**

Credits:

4.00

Description:

Prejudice of many kinds, such as racism and sexism, is so embedded in our social institutions, and is so traditional and pervasive that we often fail to notice it. In this course, we will deal with the history and nature of racism and sexism, as well as with possible solutions to these problems, including affirmative action and busing. Also to be discussed will be homosexuality, pornography and sex roles. 1 term - 4 credits. Normally offered alternate years. C a

Term:

Occasional

- **PHIL-255 Science, Myth, and Society**

Credits:

4.00

Description:

Both mythology and science arise from the human need to explain the world, to understand its laws, and give an account of its origin. This course focuses on the controversial relationship between myth and science and explores their historical roots, their social influence and their respective views of reality, human nature, and origin of the universe. Both historical controversies and contemporary debates, such as evolution vs. intelligent design, will be considered. Topics in the philosophy of science, such as the nature and scope of the scientific method, will also be addressed. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

• PHIL-260 Philosophy of Religion

Credits:

4.00

Description:

This course analyzes and interprets fundamental religious concepts and beliefs, examines the rational support for religious faith, and addresses the relation between religion and society. Fundamental questions concerning the nature and existence of God, salvation, and immortality will be explored, and for this the primary focus will be Western religious conceptions but may broaden to include other world religions. Other topics may include: whether all religions can be equally valid and true; the relation of religion and the state; the status of miracles; the history and psychology of religion; the conflict between religion and science. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

• PHIL-261 Eastern Philosophy

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered

alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-262 Buddhism**

Credits:

4.00

Description:

An historical survey of Buddhist philosophy. We will explore Buddhist origins, central teachings, devotional and meditational practices, ritual and institutions as developed from classical to modern times. Special attention given to the philosophical diversity of the Buddhist world view. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-263 Native American Religion**

Credits:

4.00

Description:

This course is an examination of Native American (Indian) religious experience, both the similarities and differences among the myths and rituals of the major tribes which comprise the background of our nation's history of Western migration and settlement. The emphasis will be on understanding

how life was experienced by these peoples through a close look at the philosophical meanings of their mythology and ethics. 1 term - 4 credits.
Normally offered alternate years. C a

Term:

Occasional

- **PHIL-265 Women in Spirituality**

Credits:

4.00

Description:

An exploration into the various dimensions and ideologies concerning the role of the feminine in relation to the Divine. Belief systems, myths and archetypes from ancient Goddess worship to 20th century feminist theology will be examined in terms of the philosophical content and psychological consequences. Special emphasis will be placed on feminist metaphysical structures for understanding consciousness and Reality. Classes will be conducted by means of lectures, primary and secondary texts and class discussions. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **PHIL-266 African Philosophy**

Credits:

4.00

Description:

An introduction to both traditional and modern philosophy from the African continent. Topics include: the intellectual dimensions of oral-traditional cultures within Africa; the impact of colonialism on African belief systems; philosophical responses to colonization; contributions of modern and contemporary African thinkers to the fields of social, political, moral and aesthetic philosophy.

- **PHIL-267 Chinese Philosophy**

Credits:

4.00

Description:

A survey of the main developments in Chinese Philosophy. The course begins with the early dynastic concept of humanism and then turns to Confucius and Mencius. Having developed the central Confucian doctrines, students next examine the Taoist response to Confucianism in the writings of Lao Tzu and Chuang Tzu. The course then considers Zen Buddhism, which is called Ch'an Buddhism in China, where it originated. In particular, students study the concept of sudden enlightenment before turning to the Neo-Confucian scholars.

Term:

Occasional

- PHIL-309 Philosophy of Freedom

Prerequisites:

Prerequisite: One Philosophy course or consent of instructor.

Credits:

4.00

Description:

Focuses on the paradoxical relationship between freedom and responsibility and how that affects our thinking about freedom in the individual, social and political sphere. Both classical and contemporary thinkers will be considered. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every other year.

Term:

Offered Spring Term

- PHIL-E309 Service Learning Component

Credits:

0.00

Description:

- **PHIL-314 20th Century Philosophy**

Prerequisites:

Prerequisite: PHIL 211 or consent of instructor.

Credits:

4.00

Description:

Examines one or more of the following major philosophical movements of this century: Pragmatism, Phenomenology, Existentialism, Logical Positivism, Analytic (Linguistic) Philosophy, Postmodernism and Critical Theory (Post-Analytic Philosophy). Prerequisite: PHIL 211 or consent of instructor. 1 term -4 credits. Normally offered alternate years.

Term:

Occasional

- **PHIL-316 Existentialism**

Prerequisites:

Prerequisite: One course in Philosophy or consent of instructor.

Credits:

4.00

Description:

An overview of the existentialist tradition. Primary focus on issues and problems arising from the existentialist reaction to classical philosophy. Topics include: paradoxes and contradictions of human nature and human condition; radical freedom, commitment, and responsibility; existential anxiety, meaninglessness and the rejection of God; authenticity and self-deception; individuality and community. Philosophers to be discussed will include Kierkegaard, Nietzsche, Sartre, Camus, Dostoevsky, and Heidegger. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every other year.

Term:

Occasional

- **PHIL-318 Philosophy of Law**

Prerequisites:

Prerequisite: One course in Philosophy or Instructor's consent

Credits:

4.00

Description:

Readings may include a range of classical authors, such as Plato and Aquinas, as well as the works of such 20th-century legal philosophers as H.L.A. Hart, Dworkin and Rawls. Also included may be leading jurists such as Oliver Wendell Holmes and Learned Hand. Issues discussed may include the nature of law, its relation to justice, and how the legal system should operate to arrive at just decisions. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

- **PHIL-319 Topics in Applied Ethics**

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

This course will address in depth one or more specific issues in applied ethics. Topics will vary and may range from applied issues in political thought, such as just war theory or transitional justice, to specific questions in professional ethics or social policy, such as end-of-life care, economic justice, or the role of technology in the human future. Prerequisite: PHIL 119, or 123, or 127. 1 term - 4 credits. Normally offered every other year.

Term:

Occasional

- **PHIL-330 African Philosophy and Religion**

Prerequisites:

One course in Philosophy or consent of instructor.

Credits:

4.00

Description:

This course explores indigenous African systems of thought, modern academic African philosophy, African social and political theory, and contemporary debates centered on questions of identity, modernity, essentialism and historicity within the African context. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

- **PHIL-362 Environmental Ethics**

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

An examination of the moral issues involved in the interaction of humans with their natural environment. Topics include: the environmental crisis, human-centered vs. nature-centered ethics, intrinsic value in nature, obligations to future generations, the importance of preserving endangered species and wilderness, radical ecology, eco-feminism, and the role of social justice in environmental issues. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every year.

Term:

Occasional

- **PHIL-363 Bio and Medical Ethics**

Prerequisites:

Prerequisite: Phil 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral problems facing health-care practitioners, their patients, and others involved with the practice of medicine in today's society. Issues include euthanasia, the ethics of medical experimentation, the use of reproductive technologies, genetic counseling and genetic engineering, truth-telling and confidentiality in doctor-patient relationships, the cost and availability of medical care. Normally offered every third year.

Term:

Occasional

- **PHIL-364 Business Ethics**

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

An examination of the ethical questions in the working life and policies of the business and professional sectors of society. The focus will vary, but common themes will include: the role of commerce in civil society; the relation of business to conceptions of economic and social justice; the meaning and application of codes of ethics; obligations of corporations and professional organizations to shareholders and stakeholders; responsibilities to clients and colleagues; workplace conduct; the nature of success and conflicts between legal and moral obligations; the impact of globalization. The course will employ a variety of readings, including ethical theory and specific case studies. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every other year.

Term:

Occasional

- **PHIL-390 Internship in Politics, Philosophy and Economics**

Prerequisites:

PHIL-120

Credits:

1.00- 4.00

Description:

Students in this course will serve as interns in a program-approved position with a service provider, professional organization, government agency, or non-governmental organization whose work is relevant to the PPE major. A faculty mentor will meet with students regularly to develop individually designed programs of readings and to discuss this material and its relation to the internship experience. In addition to the substantial time commitment to the internship, course requirements will usually include a weekly journal and a research project.

- **PHIL-401 Ethics in Action 1: Persistence of the Classics**

Prerequisites:

PHIL-210 , PHIL-211, 4 credits of a 400-level PHIL course, and Instructor consent

Credits:

4.00

Description:

Examines how classical works of ancient and medieval moral and political philosophy raise questions and themes that persist in challenges facing contemporary public policy and personal ethics. Topics covered will include the nature of moral duties, the connection between happiness and morality, citizenship and virtue, the meaning of a good life, the attractions and limitations of moral relativism, the foundations of legitimate government, arguments for and against democracy, realism and idealism in statecraft, and the relationship between law and ethics. Authors may include the Pre-Socratic thinkers, Plato, Aristotle, Cicero, Augustine, and Aquinas, among others.

Term:

Offered Fall Term

Type:

Classics Minor

- **PHIL-402 Ethics in Action 2: the Crisis of the Modern**

Prerequisites:

PHIL-210, PHIL-211, 1 400-level PHIL course, and Instructor consent

Credits:

4.00

Description:

Continues the examination of themes addressed in PHIL 401/701, with a focus on how radical change, from the early modern era to the present, poses both challenges and opportunities for thought and action. In addition to issues from PHIL 401/701, themes may include revolution and reaction, the role of science and technology, the clash between universalism and particularism, distributive justice and the economy, liberty and equality, faith and secularism, and others. Authors may include Machiavelli, Hobbes, Locke, Rousseau, Kant, Hegel, Mill, Marx, and Nietzsche, as well as contemporary thinkers.

Term:

Offered Spring Term

- **PHIL-403 The Idea of Human Rights**

Prerequisites:

Instructor's Consent

Credits:

4.00

Description:

This seminar will analyze and explore the universal human rights concept -- the idea that all human beings, by virtue of their humanity alone, have human rights that should be recognized by all nations. It will explore the concept's meaning; its theoretical underpinnings, critiques and defenses; and the kinds of specific rights suggested by the concept. The course will also provide an introduction to existing human rights law. Prerequisite: Consent of instructor. 1 term - 4 credits.

Term:

Occasional

- **PHIL-414 Topics in Philosophy**

Credits:

4.00

Description:

A detailed exposition and evaluation of a specific topic or of the views of one major philosophical thinker or group of thinkers. Readings from both primary and secondary sources. Prerequisite: PHIL 210 or 211 or consent of instructor. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-416 Plato: Profiles in Philosophy**

Prerequisites:

Prerequisite: PHIL 210 or consent of instructor.

Credits:

4.00

Description:

A detailed study of Platonic texts and issues. Works studied will vary but will often include dialogues such as the Apology, Euthyphro, Phaedo, Republic, and Symposium. Themes may include, among others: the nature of philosophy and its relation to society; the dialogue form and the character of Socrates; the difference between truth and opinion; the meaning of virtue; justice and the ideal regime; the theory of forms and the nature of reality; love, death, and transcendence. Prerequisite: PHIL 210 or consent of instructor. 1 term ? 4 credits. Normally offered every third year.

Type:

Classics Minor

- **PHIL-418 Kant: Profiles in Philosophy**

Prerequisites:

PHIL 211

Credits:

4.00

Description:

An examination of Kant's ethics and theory of knowledge, including the following topics: structures of our knowledge of nature and the empirical world; the limits of rationality; the possibility of any knowledge of God, the soul and other metaphysical entities; the antinomies (paradoxes) of pure reason; Kant's theory of unconditional morality based on duty; the idea of the categorical imperative; autonomy and universal moral law; the problem of evil. Selections from Kant's political writings will also be introduced. Prerequisite: PHIL 211 or consent of instructor. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

- **PHIL-423 Advanced Formal Logic**

Prerequisites:

Prerequisite: PHIL 212 or consent of instructor.

Credits:

4.00

Description:

In this course, students will put to work the logical theory developed in Formal Logic (Phil 212). In particular, students will use First-Order Logic to investigate computability and computation theory. Goedel's First and Second Incompleteness Theorems are a particular focus in the course. Prerequisite: PHIL 212 or consent of instructor. 1 term -4 credits. Normally offered alternate years.

Term:

Occasional

- **PHIL-440 Stay the Hand: Philosophical and Literary Readings on Law and Violence**

Credits:

4.00

Description:

An interdisciplinary course examining the idea of law and its function in human society, with a special focus on issues of violence, war, peace, and justice. The course will examine law as it represented, enacted, and discussed in various literary and philosophical writings from the ancient world to the present, to include various Biblical texts, Sophocles's *Antigone*, Aeschylus's *Oresteia*, Plato's *Apology*, Shakespeare's *The Merchant of Venice*, Melville's *Billy Budd*, Toni Morrison's *Beloved*, among many others.

Term:

Occasional

- **PHIL-510 Independent Study**

Prerequisites:

Prerequisite: PHIL 210 and 211 and consent of instructor.

Credits:

1.00- 4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Offered Both Fall and Spring

- **PHIL-513 Internship in Applied Ethics**

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120 and consent of instructor

Credits:

4.00

Description:

Students in this course will serve as interns in a department-approved position with a service provider, professional organization, government agency, or non-governmental organization whose work is relevant to issues in applied ethics. A faculty mentor will meet with students regularly to develop individually designed programs of readings and to discuss this material and its relation to the internship experience. In addition to the substantial time commitment to the internship, course requirements will usually include a journal and a research project. PHIL 119 or 123 or 127 and consent of instructor. 1 term -4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-514 Advanced Topics in Philosophy**

Prerequisites:

Prerequisite: PHIL 210 or PHIL 211 and consent of instructor.

Credits:

4.00

Description:

Students with sufficient background in philosophy and a special interest in areas of philosophy which cannot be covered in regularly offered courses will be guided by senior members of the Department. Students working on Honors in Philosophy must take this course in the first semester of their senior year to prepare a thesis proposal. PHIL 210 or PHIL 211 and consent of instructor. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

- **PHIL-515 Senior Symposium**

Prerequisites:

Prerequisite: PHIL 210 and 211 and consent of instructor.

Credits:

1.00

Description:

This is a required course for all students in the major, to be taken in the Spring Semester of their senior year. Students will prepare a portfolio of their previous coursework, collaborate with the faculty symposium leader on a selection of texts to read in common with other seniors, and prepare one paper for delivery at the Senior Symposium, usually held in late April. Students seeking Honors in Philosophy must take this course to complete the senior thesis. PHIL 210 and 211 and consent of instructor. 1 term - 4 credits. Normally offered Spring Semester every year.

Term:

Offered Spring Term

- **PHIL-HE123 Service Learning Component**

Credits:

0.00

Description:

Service Learning Component

Type:

Local Engagement Experience, Honors

- **PHIL-HE127 Service Learning Component**

Credits:

0.00

Description:

Service Learning Component

Type:

Local Engagement Experience, Honors

- **PPE-401 Political Economy**

Prerequisites:

PHIL-119, PHIL-120, PHIL-123, or PHIL-127 and 2 of the following courses: GVT-110, GVT-201, GVT-225, EC-101, EC-102, PHIL-212, PHIL-250, STATS-240, STATS-250. PPE students only. Senior status required.

Credits:

4.00

Description:

This interdisciplinary class brings together the fields of politics, philosophy, and economics at a high academic level. You will be confronted with hard questions about the sources, ends, and limits of government; the usefulness and troubles of free markets; the proper distribution of economic advantages in society; and what works best for building a just and efficient system of economic institutions.

- **PPE-510 Independent Study**

Credits:

1.00- 4.00

Description:

Independent Study

- **RS-111 Introduction to World Religions: Western Traditions**

Credits:

4.00

Description:

This course will explore the comparative history and structure of Western religious traditions, broadly understood, and their impact on other world religions, while attempting to recognize the similarities and the differences among them. Traditions to be studied include Greek and Roman religion, the monotheistic faiths (Judaism, Christianity, and Islam, as well as Zoroastrianism, Sikhism and Bahaism). We will also explore the impact of the Western religions on indigenous traditions, such as African religion, Native American religion, and Pacific Island religion. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. 1 term - 4 credits. Normally offered every year.

- **RS-112 Introduction to World Religions: Eastern Traditions**

Credits:

4.00

Description:

This course will examine a variety of Eastern religions, including Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shintoism. Possible connections to be explored will be the impact of these traditions on others, such as Pacific Islands and African religion, as well as the growing place of Eastern religion in the West. This course will explore the history and structure of each tradition, while attempting to recognize the similarities and the differences among them. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. Normally offered every year. Cultural Diversity B

Type:

Asian Studies

- **RS-301 Reason and Revelation**

Credits:

4.00

Description:

Traces the evolution of Judaism, Christianity and Islam to the High Middle Ages to explore the role of Neo-Platonism and Aristotelianism in clarifying and explaining dogma. Particular attention will be paid to ideas about the ways of knowing and rational proofs of God's existence in Philo of Alexandria, Augustine, Anselm, Ibn Rushd (Averroes), Aquinas and Maimonides. 1 term - 4 credits. Normally offered in alternate years.

- **RS-510 Independent Study**

Credits:

1.00- 4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.



2017-2018 Archived Catalog Information

Physics

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Physics Courses](#)

Major Requirements: 23 courses and corresponding laboratories, 87 credits

The department offers several programs leading to a BS, including:

- Physics
- Physics with a concentration in astrophysics
- Physics with a concentration in planetary science

A transfer student must see the chair of the department to determine which courses may be accepted for credit toward requirements of the Physics major.

Core Requirements (14 courses and corresponding laboratories, 51 credits)

- CAS-201 College to Career: Explore Your Options And Find Your Path

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

- **PHYS-151 University Physics I**

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

• PHYS-152 University Physics II

Prerequisites:

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-153 University Physics III**

Prerequisites:

MATH-121, MATH-164 or MATH-165

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions,

particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGR

- **PHYS-333 Math Methods of Physics**

Prerequisites:

MATH-265 and PHYS-153

Credits:

4.00

Description:

Applications of specific mathematical methods to problems in physics. Topics include complex analysis, integral transforms, eigenvalue problems, partial differential equations and group theory. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

• PHYS-361 Classical Mechanics I

Prerequisites:

PHYS 152 ; MATH 265 which may be taken concurrently

Credits:

4.00

Description:

Newton's laws of motion, projectiles, momentum, energy, conservation laws, oscillations, Lagrange equations, generalized momenta, central forces, orbits. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

• PHYS-362 Classical Mechanics II

Prerequisites:

PHYS 361

Credits:

4.00

Description:

Mechanics in non-inertial frames, rotational motion of rigid bodies, coupled oscillations, nonlinear mechanics and chaos, Hamiltonian mechanics, collision theory, continuum mechanics. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Spring Term

• PHYS-477 Electricity and Magnetism

Credits:

4.00

Description:

Electrostatic field energy, methods for solution of boundary value problems. The magnetostatic field and magnetic circuits. Electromagnetic field energy, plane waves, wave guides and cavity resonators. Interaction of charge particles with electromagnetic fields. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

• PHYS-453 Modern Physics

Prerequisites:

PHYS-153;

Credits:

4.00

Description:

Topics include atoms and elementary particles, atomic, molecular and nuclear systems. Quantum states and probability amplitude, wave mechanics and thermal properties of matter. Atomic spectra and structure, and molecular systems. Nuclear reactions, alpha and beta decay and high energy physics. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-464 Statistical Physics**

Prerequisites:

PHYS-361, PHYS-151, PHYS-L151, PHYS-152, PHYS-L152, PHYS-153 and PHYS-L153

Credits:

4.00

Description:

Macroscopic objects are made up of huge numbers of fundamental particles whose interactions are well understood. Physical properties that emerge from these interactions are, however, not simply related to these fundamental interactions. In this course we will develop the tools of statistical physics, which will allow us to predict emergent cooperative phenomena. We will apply those tools to a wide variety of physical questions, including the behavior of glasses, polymers, heat engines, magnets, and electrons in solids. Computer simulations will be extensively used to aid visualization and provide concrete realization of models in order to impart deeper understanding of statistical physics.

- **PHYS-L455 Advanced Laboratory**

Prerequisites:

PHYS 451

Credits:

2.00

Description:

Classical and modern experiments in physics; Experiments may include Frank Hertz experiment, Hall effect, nuclear magnetic resonance, quantum dots, detection of muons, x-ray spectroscopy, ellipsometry, physics of timbre of musical instruments, data acquisition.

Term:

Offered Fall Term

Choose one of the following:

- **PHYS-461 Quantum Mechanics I**

Prerequisites:

PHYS-361

Credits:

4.00

Description:

Non-relativistic study of particle systems, wave mechanical treatment, development of the concepts of observables, state vectors, operators and matrix representations. Hilbert space, angular momenta, coupling, symmetries, scattering, and perturbation theory. Harmonic oscillator and Hydrogen atom. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once a week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-462 Quantum Mechanics II**

Prerequisites:

Take PHYS-361 and PHYS-362

Credits:

4.00

Description:

Non-relativistic study of particle systems, wave mechanical treatment, development of the concepts of observables, state vectors, operators and matrix representations. Hilbert space, angular momenta, coupling, symmetries, scattering, and perturbation theory. Harmonic oscillator and Hydrogen atom. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Spring Term

Choose one Physics elective

Math and Basic Science Requirements (9 courses and corresponding laboratories, 36 credits)

- **CMPSC-F131 Computer Science I**

Credits:

4.00

Description:

This is a rigorous introduction to computer science in Java with an emphasis on problem solving, structured programming, object-oriented programming, and graphical user interfaces. Topics include expressions, input/output, control structures, intrinsic data types, classes and methods, iteration, top-down programming, arrays, graphical user interfaces, and elements of UML. Normally offered each semester.

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-265 Calculus III**

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **PHYS-253 Introduction to Electronic Devices**

Prerequisites:

Take PHYS-152 and PHYS-L152; Take PHYS-L253 concurrently

Credits:

3.00

Description:

Materials and device structures for applications in analog and digital electronics. Topics include characteristics and basic circuits for diodes, field-effect transistors, bipolar junction transistors, operational amplifiers and programmable logic devices.

- **PHYS-L253 Introduction to Electronic Devices Laboratory**

Prerequisites:

Take PHYS-152 and PHYS-L152; Take PHYS-253 concurrently

Credits:

1.00

Description:

Materials and device structures for applications in analog and digital electronics. Topics include characteristics and basic circuits for diodes, field-effect transistors, bipolar junction transistors, operational amplifiers and programmable logic devices.

Choose two of the following and the corresponding laboratories:

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• CHEM-111 General Chemistry I

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• CHEM-L111 General Chemistry Laboratory I

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **CHEM-112 General Chemistry II**

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently. MATH 104 placement or higher.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Both Fall and Spring

- **CHEM-L112 General Chemistry Laboratory II**

Prerequisites:

MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 MATHT-MPEL3 MATH-104 MATH-130 MATH-134 MATH-164 or MATH-165. CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Laboratory. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as the application of Beer's Law and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Choose one Science elective (Science course 200-level or higher).

Note: Please consult with physics advisor regarding elective choice, as several 200-level or higher courses may not apply towards the elective credit requirement.

Choose one of the following and its corresponding laboratory where applicable:

- **ENS-333 Programming for Engineers**

Prerequisites:

ENS L333 concurrently

Credits:

3.00

Description:

This course will introduce programming concepts in the context of solving engineering problems. Emphasis will be placed on applying the high-level programming skills learned to particular platforms such as embedded systems. Students will implement various microcontroller programming exercises as well as an end of the semester project.

Term:

Offered Spring Term

- **ENS-L333 Programming for Engineers Lab**

Prerequisites:

ENS 333 concurrently

Credits:

1.00

Description:

The Programming for Engineers lab is designed to supplement the Programming for Engineers Course.

- **CMPSC-F132 Computer Science II**

Prerequisites:

CMPSC F131

Credits:

4.00

Description:

Computer Science II (CSII) is the continuation of Computer Science I. The purpose of CSII is to expand students' understanding of Computer Science and computer programming, assuming that they have the basic knowledge of the Java language. The course introduce another programming language - C - and also focuses on the pure Object-Oriented features of Java, such as inheritance, polymorphism, and exceptions, as well as on simple data structures (lists, stacks, and queues) and algorithms (searching and sorting). By the end of the semester students will be able to develop sizable (several pages long) computer programs in the C and Java languages. Efficient C and Java program development requires an Integrated Development Environment (IDE) - a collection of tools that make it possible to edit, compile, and debug C and Java programs. Our IDE of choice is Eclipse. Eclipse is free and available for many operating systems, including Microsoft Windows (all flavors), Linux, Unix, and Mac OS X.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Physics

Course descriptions may be updated periodically to reflect changes since the last published catalog.

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Students may choose a concentration in either Astrophysics or Planetary Science.

The Astrophysics concentration is directed towards students interested in pursuing graduate studies in astrophysics and is run in close collaboration with Suffolk's Madrid campus. Students are required to spend Summer Session I following their junior year in Madrid to take upper-level courses in astrophysics. These courses will include trips to the Canary Islands to take data at one of the world's major astronomical observatories, the Tenerife Observatory.

The Planetary Science concentration provides core training in earth and planetary sciences, together with mathematics, applied physics, computational and instrumental technology, needed for professions in the earth and space sciences.

Physics Major with Astrophysics or Planetary Science Concentration Requirements: 23 courses and corresponding laboratories, 87 credits

Core Requirements (11 courses, 39 credits)

- **CAS-201 College to Career: Explore Your Options And Find Your Path**

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

- **PHYS-151 University Physics I**

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

• PHYS-152 University Physics II

Prerequisites:

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-153 University Physics III**

Prerequisites:

MATH-121, MATH-164 or MATH-165

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions,

particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGR

- **PHYS-205 Introduction to Astrophysics**

Prerequisites:

Prerequisite: PHYS 151-152

Credits:

4.00

Description:

An introduction to the concepts and methods of astrophysics; including a history of astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors, space programs, science and technology in society. Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology.

Term:

Offered Fall Term

- **PHYS-361 Classical Mechanics I**

Prerequisites:

PHYS 152 ; MATH 265 which may be taken concurrently

Credits:

4.00

Description:

Newton's laws of motion, projectiles, momentum, energy, conservation laws, oscillations, Lagrange equations, generalized momenta, central forces, orbits. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-477 Electricity and Magnetism**

Credits:

4.00

Description:

Electrostatic field energy, methods for solution of boundary value problems. The magnetostatic field and magnetic circuits. Electromagnetic field energy, plane waves, wave guides and cavity resonators. Interaction of charge particles with electromagnetic fields. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-453 Modern Physics**

Prerequisites:

PHYS-153;

Credits:

4.00

Description:

Topics include atoms and elementary particles, atomic, molecular and nuclear systems. Quantum states and probability amplitude, wave mechanics and thermal properties of matter. Atomic spectra and structure, and molecular systems. Nuclear reactions, alpha and beta decay and high energy physics. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-464 Statistical Physics**

Prerequisites:

PHYS-361, PHYS-151, PHYS-L151, PHYS-152, PHYS-L152, PHYS-153 and PHYS-L153

Credits:

4.00

Description:

Macroscopic objects are made up of huge numbers of fundamental particles whose interactions are well understood. Physical properties that emerge from these interactions are, however, not simply related to these fundamental interactions. In this course we will develop the tools of statistical physics, which will allow us to predict emergent cooperative phenomena. We will apply those tools to a wide variety of physical questions, including the behavior of glasses, polymers, heat engines, magnets, and electrons in solids. Computer simulations will be extensively used to aid visualization and provide concrete realization of models in order to impart deeper understanding of statistical physics.

- **PHYS-L455 Advanced Laboratory**

Prerequisites:

PHYS 451

Credits:

2.00

Description:

Classical and modern experiments in physics; Experiments may include Frank Hertz experiment, Hall effect, nuclear magnetic resonance, quantum dots, detection of muons, x-ray spectroscopy, ellipsometry, physics of timbre of musical instruments, data acquisition.

Term:

Offered Fall Term

Choose one of the following concentrations:

Astrophysics Concentration Requirements (3 courses and corresponding laboratories where applicable, 12 credits)

- **PHYS-381 Observational Astronomy**

Prerequisites:

PHYS 151 AND PHYS 152 OR PHYS 153.

Credits:

2.00- 3.00

Description:

The topics covered include theoretical foundations of observational astronomy, designs of telescopes, instrumentation for telescopes, data acquisition and management, as well as practical problems in observational astronomy. Offered together with the laboratory component PHYS L381.

- **PHYS-L381 Laboratory Research Assistantship III**

Prerequisites:

Permission of Dept. Chair Required

Credits:

1.00- 2.00

Description:

This is a laboratory based research experience which involves teams of students assisting faculty in Physics/Astronomy research projects. Students will participate in an intensive laboratory training period in the Canary Islands and will follow through with research work in consultation with faculty based in the Madrid and Boston campuses. A final paper and presentation is required. Permission of department chair is required for registration and determination of course credits.

- **PHYS-461 Quantum Mechanics I**

Prerequisites:

PHYS-361

Credits:

4.00

Description:

Non-relativistic study of particle systems, wave mechanical treatment, development of the concepts of observables, state vectors, operators and matrix representations. Hilbert space, angular momenta, coupling, symmetries, scattering, and perturbation theory. Harmonic oscillator and Hydrogen atom. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once a week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-463 Stellar Astrophysics**

Prerequisites:

Prerequisite: PHYS-152; 1 term - 4 credits

Credits:

4.00

Description:

Physics of stars. Stellar atmospheres. Stellar interiors. Stellar evolution.

Term:

Summer

Planetary Science Concentration Requirements (3 courses, 12 credits)

- **PHYS-213 Introduction to Earth & Planetary Interiors**

Prerequisites:

CHEM-111 and CHEM-112 OR PHYS-111 and PHYS-112

Credits:

4.00

Description:

This course introduces science majors to the constitution, composition, and energetics of the Earth's interior. It includes several important topics in Earth and planetary sciences, such as the geomagnetic field and the geodynamo, concepts of seismic exploration, geophysical fluid dynamics, and applications of geophysical methods in exploration of energy resources. It also relates the inner dynamics of planets to their surface and atmospheric effects by including topics such as evolution of planetary tectonics using seismology, gravity, geodesy, magnetism, and heat flow; dynamics of water and carbon cycles; and the origin of water on Earth and Mars. This course welcomes basic science, environmental science, engineering, and math majors.

• PHYS-350 Planetary Materials

Prerequisites:

PHYS-213

Credits:

4.00

Description:

This course provides an overview of the chemical and physical properties of the material constituents of the Earth and terrestrial planets, including minerals, rocks, lavas, and supercritical water. Topics include mineral structure and composition, bonding, optical properties, x-ray diffraction, phase transformations, and surface properties. The physics and chemistry of energy materials, synthetic nanomaterials will be included with emphasis/focus on energy resources, environmental impact, and geopolitical implications. There are no mandatory prerequisites for this course, but students who have taken introductory chemistry and/or physics will be familiar with some concepts discussed, and will find the going easier. Some background in Earth science is assumed (at the level of PHYS-213), and competence in basic chemistry is expected (some review will be provided where appropriate). The course is not mathematically intensive, but an appreciation of the fundamentals of calculus is important.

• SCI-210 Earth and Planetary Crystals

Prerequisites:

Take SCI-L210 concurrently

Credits:

3.00

Description:

This course will provide undergraduate students of various disciplines with an introduction to gems and crystals using interactive, evidence-based teaching approaches. Crystalline forms of matter are critical to our existence. Using innovative teaching strategies of in-class hands-on demonstration, supplemented with visuals of crystal details, the course provides students insights into the formation, alteration and unique properties that make crystals invaluable. Topics range from the study of proteins and nucleic acids to the interior of planets. The in-class lectures will provide a basic guide that will serve as a platform for individually catered in-depth study. Therefore, the course is open to advanced students as well, who can pick up higher level of information for discussion and class projects.

Type:

SCI TECH ENGNR

Math and Science Requirements (9 courses, 36 credits)

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-166 Calculus II**

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-265 Calculus III**

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **CMPSC-F131 Computer Science I**

Credits:

4.00

Description:

This is a rigorous introduction to computer science in Java with an emphasis on problem solving, structured programming, object-oriented programming, and graphical user interfaces. Topics include expressions, input/output, control structures, intrinsic data types, classes and methods, iteration, top-down programming, arrays, graphical user interfaces, and elements of UML. Normally offered each semester.

- **CMPSC-F132 Computer Science II**

Prerequisites:

CMPSC F131

Credits:

4.00

Description:

Computer Science II (CSII) is the continuation of Computer Science I. The purpose of CSII is to expand students' understanding of Computer Science and computer programming, assuming that they have the basic knowledge of the Java language. The course introduce another programming language - C - and also focuses on the pure Object-Oriented features of Java, such as inheritance, polymorphism, and exceptions, as well as on simple data structures (lists, stacks, and queues) and algorithms (searching and sorting). By the end of the semester students will be able to develop sizable (several pages long) computer programs in the C and Java languages. Efficient C and Java program development requires an Integrated Development Environment (IDE) - a collection of tools that make it possible to edit, compile, and debug C and Java programs. Our IDE of choice is Eclipse. Eclipse is free and available for many operating systems, including Microsoft Windows (all flavors), Linux, Unix, and Mac OS X.

Choose two Science electives (Science courses at the 200-level or higher).

Note: Please consult with physics advisor regarding elective choice, as several 200-level or higher courses may not apply towards the elective credit requirement.

Choose two courses and the corresponding laboratories from the following:

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• CHEM-L111 General Chemistry Laboratory I**Prerequisites:**

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

- **CHEM-112 General Chemistry II**

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently. MATH 104 placement or higher.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Both Fall and Spring

- **CHEM-L112 General Chemistry Laboratory II**

Prerequisites:

MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 MATHT-MPEL3 MATH-104 MATH-130 MATH-134 MATH-164 or MATH-165. CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Laboratory. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as the application of Beer's Law and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring



2017-2018 Archived Catalog Information

Physics

Course descriptions may be updated periodically to reflect changes since the last published catalog.

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Minor Requirements: 5 courses and corresponding laboratories, 20 credits

- PHYS-151 University Physics I

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-153 University Physics III**

Prerequisites:

MATH-121, MATH-164 or MATH-165

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGR

Choose one of the following:

- **PHYS-205 Introduction to Astrophysics**

Prerequisites:

Prerequisite: PHYS 151-152

Credits:

4.00

Description:

An introduction to the concepts and methods of astrophysics; including a history of astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors, space programs, science and technology in society. Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology.

Term:

Offered Fall Term

- **PHYS-361 Classical Mechanics I**

Prerequisites:

PHYS 152 ; MATH 265 which may be taken concurrently

Credits:

4.00

Description:

Newton's laws of motion, projectiles, momentum, energy, conservation laws, oscillations, Lagrange equations, generalized momenta, central forces, orbits. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-453 Modern Physics**

Prerequisites:

PHYS-153;

Credits:

4.00

Description:

Topics include atoms and elementary particles, atomic, molecular and nuclear systems. Quantum states and probability amplitude, wave mechanics and thermal properties of matter. Atomic spectra and structure, and molecular systems. Nuclear reactions, alpha and beta decay and high energy physics. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

Choose one of the following:

- **PHYS-461 Quantum Mechanics I**

Prerequisites:

PHYS-361

Credits:

4.00

Description:

Non-relativistic study of particle systems, wave mechanical treatment, development of the concepts of observables, state vectors, operators and matrix representations. Hilbert space, angular momenta, coupling, symmetries, scattering, and perturbation theory. Harmonic oscillator and Hydrogen

atom. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once a week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-462 Quantum Mechanics II**

Prerequisites:

Take PHYS-361 and PHYS-362

Credits:

4.00

Description:

Non-relativistic study of particle systems, wave mechanical treatment, development of the concepts of observables, state vectors, operators and matrix representations. Hilbert space, angular momenta, coupling, symmetries, scattering, and perturbation theory. Harmonic oscillator and Hydrogen atom. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Spring Term

- **PHYS-464 Statistical Physics**

Prerequisites:

PHYS-361, PHYS-151, PHYS-L151, PHYS-152, PHYS-L152, PHYS-153 and PHYS-L153

Credits:

4.00

Description:

Macroscopic objects are made up of huge numbers of fundamental particles whose interactions are well understood. Physical properties that emerge from these interactions are, however, not simply related to these fundamental interactions. In this course we will develop the tools of statistical physics, which will allow us to predict emergent cooperative phenomena. We will apply those tools to a wide variety of physical questions, including the behavior of glasses, polymers, heat engines, magnets, and electrons in solids. Computer simulations will be extensively used to aid visualization and provide concrete realization of models in order to impart deeper understanding of statistical physics.

- **PHYS-477 Electricity and Magnetism**

Credits:

4.00

Description:

Electrostatic field energy, methods for solution of boundary value problems. The magnetostatic field and magnetic circuits. Electromagnetic field energy, plane waves, wave guides and cavity resonators. Interaction of charge particles with electromagnetic fields. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

Note: Most of these courses have substantial mathematics prerequisites (Calculus I, II, Multivariable Calculus) so it might not be possible for a non-science major to minor in physics.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Physics

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Physics Courses](#)

The honors program is designed to prepare students for graduate school in physics. It is designed to provide these students with additional training for standardized examinations required for graduate school and give them exposure to graduate-level coursework.

Requirements

Students may enroll starting in the beginning of sophomore year, with permission of the departmental honors committee, and must meet the following requirements:

1. The student must maintain a minimum 3.4 grade point average in the mathematics and science requirements for the major and must also complete at least 15 of these credits at Suffolk University.
2. The student must successfully complete a competency exam administered by the department at the end of the junior year. The examination covers all technical courses required for the major, taken by the student up to and including that semester. The test consists of problems selected from all of the main topics in each course. A three-person honors committee will assist students in preparing for the examination.
3. At the end of the senior year, the student must pass an oral examination administered by the honors committee.
4. The student must complete additional coursework in the form of PHYS-533, Special Topics in Physics, to help prepare for graduate school in physics.



2017-2018 Archived Catalog Information

Physics

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- [Societies](#)
- [Physics Courses](#)

Sigma Pi Sigma

The Suffolk University Chapter of the National Society of Physics Students was established in 1979. Election to Sigma Pi Sigma membership is conducted by the active Sigma Pi Sigma members. To be eligible, a student does not have to be a Physics major but must rank in the upper 20% of his/her class, have a minimum cumulative grade point average of 3.0, and a Physics grade point average of 3.3.

Society of Physics Students

The Society of Physics Students (SPS) is the student wing of American Institute of Physics (AIP). As a professional student association, it is focused on helping students develop the well-rounded skillset needed to succeed beyond the classroom. The Suffolk University chapter is open to any Suffolk student interested in physics. This network connects students across 200 colleges nationwide, many of which are right here in Boston. SPS provides and supports opportunities for students to develop professionally by attending conferences and workshops, organizing conferences, and participating in internship programs. It recognizes the need for students to develop leadership skills and experience in science outreach activities while they are in an undergraduate program.

The SPS helps students become contributing members of the professional community. Course work develops only one range of skills. Other skills needed to flourish professionally include effective communication and personal interactions, leadership experience, establishing a personal network of contacts,

presenting scholarly work in professional meetings and journals, and providing outreach services to the campus and local communities.



2017-2018 Archived Catalog Information

Physics

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Physics Courses](#)

- PHYS-111 College Physics I

Prerequisites:

Take MATH-121 or MATH-134 or MATH-165 or permission of Physics department chair; PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-112 College Physics II**

Prerequisites:

PHYS-111 and PHYS-L11. Must be taken concurrently with PHYS-L112.

Credits:

3.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics.

Term:

Offered Spring Term

• PHYS-L112 College Physics Lab II

Prerequisites:

PHYS 111 and PHYS L111; PHYS 112 must be taken concurrently

Credits:

1.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Spring Term

• PHYS-151 University Physics I

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-153 University Physics III**

Prerequisites:

MATH-121, MATH-164 or MATH-165

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **PHYS-L153 University Physics III Lab**

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGR

- **PHYS-205 Introduction to Astrophysics**

Prerequisites:

Prerequisite: PHYS 151-152

Credits:

4.00

Description:

An introduction to the concepts and methods of astrophysics; including a history of astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors, space programs, science and technology in society. Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology.

Term:

Offered Fall Term

• PHYS-213 Introduction to Earth & Planetary Interiors

Prerequisites:

CHEM-111 and CHEM-112 OR PHYS-111 and PHYS-112

Credits:

4.00

Description:

This course introduces science majors to the constitution, composition, and energetics of the Earth's interior. It includes several important topics in Earth and planetary sciences, such as the geomagnetic field and the geodynamo, concepts of seismic exploration, geophysical fluid dynamics, and applications of geophysical methods in exploration of energy resources. It also relates the inner dynamics of planets to their surface and atmospheric effects by including topics such as evolution of planetary tectonics using seismology, gravity, geodesy, magnetics, and heat flow; dynamics of water and carbon cycles; and the origin of water on Earth and Mars. This course welcomes basic science, environmental science, engineering, and math majors.

• PHYS-215 Nanomaterials and the Energy Problem

Prerequisites:

Credits:

4.00

Description:

This course is designed as an introduction to nanotechnology and some of its important uses. It is aimed at science majors who have taken basic courses in physics or chemistry. The course will cover the properties and uses of carbon-nanotubes, nanocomposites, and other nanomaterials that are being fabricated in labs and industries around the world. It will serve as an introduction to the important role of nanomaterials in solving modern-day energy problems.

Term:

Occasional

- **PHYS-253 Introduction to Electronic Devices**

Prerequisites:

Take PHYS-152 and PHYS-L152; Take PHYS-L253 concurrently

Credits:

3.00

Description:

Materials and device structures for applications in analog and digital electronics. Topics include characteristics and basic circuits for diodes, field-effect transistors, bipolar junction transistors, operational amplifiers and programmable logic devices.

- **PHYS-L253 Introduction to Electronic Devices Laboratory**

Prerequisites:

Take PHYS-152 and PHYS-L152; Take PHYS-253 concurrently

Credits:

1.00

Description:

Materials and device structures for applications in analog and digital electronics. Topics include characteristics and basic circuits for diodes, field-effect transistors, bipolar junction transistors, operational amplifiers and programmable logic devices.

• PHYS-L304 Radiation Therapy Practicum

Prerequisites:

Take PHYS-301 PHYS-L301;*Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student radiation therapists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on patient care experience in the department of radiation oncology at our clinical affiliates. Under constant supervision by licensed therapists, the student will be guided toward the application of theory in the real world of cancer treatment.

Term:

Summer

• PHYS-L314 Medical Dosimetry Practicum

Prerequisites:

Take PHYS-301 and PHYS-L311; *Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student dosimetrists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on treatment planning experience in the department of radiation oncology at our clinical affiliates. Under constant supervision of certified medical dosimetrists, the student will be guided toward the application of theory in the real world of cancer treatment planning.

Term:

Summer

- **PHYS-333 Math Methods of Physics**

Prerequisites:

MATH-265 and PHYS-153

Credits:

4.00

Description:

Applications of specific mathematical methods to problems in physics. Topics include complex analysis, integral transforms, eigenvalue problems, partial differential equations and group theory. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-350 Planetary Materials**

Prerequisites:

PHYS-213

Credits:

4.00

Description:

This course provides an overview of the chemical and physical properties of the material constituents of the Earth and terrestrial planets, including minerals, rocks, lavas, and supercritical water. Topics include mineral structure and composition, bonding, optical properties, x-ray diffraction, phase

transformations, and surface properties. The physics and chemistry of energy materials, synthetic nanomaterials will be included with emphasis/focus on energy resources, environmental impact, and geopolitical implications. There are no mandatory prerequisites for this course, but students who have taken introductory chemistry and/or physics will be familiar with some concepts discussed, and will find the going easier. Some background in Earth science is assumed (at the level of PHYS-213), and competence in basic chemistry is expected (some review will be provided where appropriate). The course is not mathematically intensive, but an appreciation of the fundamentals of calculus is important.

- **PHYS-360 Topics in Astrobiology and Life in Extreme Environments**

Prerequisites:

BIO-111 and PHYS-213

Credits:

4.00

Description:

The discovery of extreme environments and new insights into evolution, emergence and sustenance of life has expanded the view of life into a broader feasibility outside Earth. Discovery of exoplanets has opened up serious scientific exploration towards search for life in other planets. This upper-level course will introduce the scientific principles that underlie this newly evolving science of astrobiology. Discussion will include unique perspectives in life at extreme environments within Earth and their implication to the concepts of evolution and origins of life that form the basis for better understanding the habitability within our planet as well as any possibility of life in other planets.

- **PHYS-361 Classical Mechanics I**

Prerequisites:

PHYS 152 ; MATH 265 which may be taken concurrently

Credits:

4.00

Description:

Newton's laws of motion, projectiles, momentum, energy, conservation laws, oscillations, Lagrange equations, generalized momenta, central forces, orbits. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students

abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

• PHYS-362 Classical Mechanics II

Prerequisites:

PHYS 361

Credits:

4.00

Description:

Mechanics in non-inertial frames, rotational motion of rigid bodies, coupled oscillations, nonlinear mechanics and chaos, Hamiltonian mechanics, collision theory, continuum mechanics. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Spring Term

• PHYS-381 Observational Astronomy

Prerequisites:

PHYS 151 AND PHYS 152 OR PHYS 153.

Credits:

2.00- 3.00

Description:

The topics covered include theoretical foundations of observational astronomy, designs of telescopes, instrumentation for telescopes, data acquisition and management, as well as practical problems in observational astronomy. Offered together with the laboratory component PHYS L381.

- **PHYS-L381 Laboratory Research Assistantship III**

Prerequisites:

Permission of Dept. Chair Required

Credits:

1.00- 2.00

Description:

This is a laboratory based research experience which involves teams of students assisting faculty in Physics/Astronomy research projects. Students will participate in an intensive laboratory training period in the Canary Islands and will follow through with research work in consultation with faculty based in the Madrid and Boston campuses. A final paper and presentation is required. Permission of department chair is required for registration and determination of course credits.

- **PHYS-411 Physics Senior Project**

Prerequisites:

Senior Standing

Credits:

4.00

Description:

The senior project is the capstone research experience of the undergraduate Physics Major. This one semester course requires students to work one on one with faculty in an area of mutually agreed upon research. In general, the effort will involve the use of mathematical and programming skills, laboratory techniques, and possibly field work. The end result will be both a paper and a formal presentation to both faculty and students.

Term:

Offered Spring Term

- **PHYS-451 Modern Physics I**

Prerequisites:

PHYS 152

Credits:

4.00

Description:

Atoms and elementary particles, atomic, molecular and nuclear systems. Quantum states and probability amplitude, wave mechanics, and thermal properties of matter. Atomic spectra and structure, and molecular systems. Nuclear reactions, alpha and beta decay, and high energy physics.

- **PHYS-453 Modern Physics**

Prerequisites:

PHYS-153;

Credits:

4.00

Description:

Topics include atoms and elementary particles, atomic, molecular and nuclear systems. Quantum states and probability amplitude, wave mechanics and thermal properties of matter. Atomic spectra and structure, and molecular systems. Nuclear reactions, alpha and beta decay and high energy physics. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-L455 Advanced Laboratory**

Prerequisites:

PHYS 451

Credits:

2.00

Description:

Classical and modern experiments in physics; Experiments may include Frank Hertz experiment, Hall effect, nuclear magnetic resonance, quantum dots, detection of muons, x-ray spectroscopy, ellipsometry, physics of timbre of musical instruments, data acquisition.

Term:

Offered Fall Term

• **PHYS-461 Quantum Mechanics I**

Prerequisites:

PHYS-361

Credits:

4.00

Description:

Non-relativistic study of particle systems, wave mechanical treatment, development of the concepts of observables, state vectors, operators and matrix representations. Hilbert space, angular momenta, coupling, symmetries, scattering, and perturbation theory. Harmonic oscillator and Hydrogen atom. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once a week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

• PHYS-462 Quantum Mechanics II

Prerequisites:

Take PHYS-361 and PHYS-362

Credits:

4.00

Description:

Non-relativistic study of particle systems, wave mechanical treatment, development of the concepts of observables, state vectors, operators and matrix representations. Hilbert space, angular momenta, coupling, symmetries, scattering, and perturbation theory. Harmonic oscillator and Hydrogen atom. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Spring Term

• PHYS-463 Stellar Astrophysics

Prerequisites:

Prerequisite: PHYS-152; 1 term - 4 credits

Credits:

4.00

Description:

Physics of stars. Stellar atmospheres. Stellar interiors. Stellar evolution.

Term:

Summer

- **PHYS-464 Statistical Physics**

Prerequisites:

PHYS-361, PHYS-151, PHYS-L151, PHYS-152, PHYS-L152, PHYS-153 and PHYS-L153

Credits:

4.00

Description:

Macroscopic objects are made up of huge numbers of fundamental particles whose interactions are well understood. Physical properties that emerge from these interactions are, however, not simply related to these fundamental interactions. In this course we will develop the tools of statistical physics, which will allow us to predict emergent cooperative phenomena. We will apply those tools to a wide variety of physical questions, including the behavior of glasses, polymers, heat engines, magnets, and electrons in solids. Computer simulations will be extensively used to aid visualization and provide concrete realization of models in order to impart deeper understanding of statistical physics.

- **PHYS-477 Electricity and Magnetism**

Credits:

4.00

Description:

Electrostatic field energy, methods for solution of boundary value problems. The magnetostatic field and magnetic circuits. Electromagnetic field energy, plane waves, wave guides and cavity resonators. Interaction of charge particles with electromagnetic fields. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

- **PHYS-500 Experiential Learning in Physics**

Credits:

0.00

Description:

This course requires students to complete a minimum of 15 engagement hours per semester. Students gain exposure to a variety of activities related to research in a laboratory or field setting with faculty oversight. Permission of instructor required. May be taken more than once.

- **PHYS-510 Independent Study**

Credits:

4.00

Description:

Directed reading, lectures, seminar and research in selected areas of special interest.

Term:

Occasional

- **PHYS-570 Internship in Physics**

Prerequisites:

At least 54 credits

Credits:

2.00- 4.00

Description:

Those students who intend to complete an internship must secure their own internship position prior to the start of the semester. A list of potential internship sites and their descriptions are available for students in the department's front office.

- **SCI-101 Physical Science I**

Prerequisites:

One course of MATH 104,121,128(formerly 132),130,134, 164 or 165; SCI L101 taken concurrently

Credits:

3.00

Description:

No longer offered Topics in the physical sciences treated at a level appropriate for non-science majors. Newton's laws, circular motion, heat, electricity and magnetism, optics, and atomic physics are discussed with problem sets required to illustrate the concepts.

Term:

Offered Fall Term

- **SCI-L101 Physical Science Lab I**

Prerequisites:

SCI 101 concurrently

Credits:

1.00

Description:

No longer offered Laboratory experiments and exercises to illustrate the principles covered in Science 101. On-time attendance is mandatory for pre-lab lectures. Weekly lab write-ups completed during the lab.

Term:

Offered Fall Term

- **SCI-102 Intro to Physical Science II**

Prerequisites:

One course of MATH 104 OR MATH 121 OR MATH 130 OR MATH 132 OR MATH 134 MATH 164 OR MATH 165. SCI L102 Must be taken concurrently

Credits:

3.00

Description:

No longer offered Continuation of topics in the physical sciences for nonscience majors. Nuclear physics, chemical reactions, organic compounds, latitude and longitude, study of the solar system, astronomy, and cosmology are all covered.

Term:

Offered Spring Term

- **SCI-L102 Physical Science Lab II**

Prerequisites:

SCI 102 concurrently

Credits:

1.00

Description:

No longer offered Laboratory experiments and exercises to illustrate the principles covered in Science 102. On-time attendance is mandatory for pre-lab lectures. Weekly lab write-ups completed during the lab.

Term:

Offered Spring Term

- **SCI-L105 Composite Science Lab**

Prerequisites:

Permission of the department, transfer student status- 2 credits

Credits:

2.00

Description:

No longer offered Combination of lecture and lab involving subject matter in the Physical Sciences (not Life Sciences). This is intended for transfer students who have received course credit in the physical sciences from another school and who still need to satisfy a two credit laboratory requirement.

Term:

Offered Both Fall and Spring

- **SCI-L106 Composite Science Lab**

Prerequisites:

Permission of the department, transfer student status- 1 credit

Credits:

1.00

Description:

No longer offered Combination of lecture and lab involving subject matter in the Physical Sciences (not Life Sciences). This is intended for transfer students only who have received course credit in the physical sciences from another school and who still need to satisfy a one credit laboratory requirement.

Term:

Offered Both Fall and Spring

- **SCI-111 Introduction to Astronomy**

Prerequisites:

MATH-128 or higher and SCI-L111 must be taken concurrently.

Credits:

3.00

Description:

History of Astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors; space programs, science and technology in society. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-L111 Introduction to Astronomy Lab**

Prerequisites:

Take SCI-111 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 111. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-112 Structure of the Universe**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGR

- **SCI-L112 Structure of the Universe Lab**

Prerequisites:

Take SCI-112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

- **SCI-113 A Habitable Earth Within the Solar System**

Credits:

4.00

Description:

This course introduces non-science majors to concepts that are central to making our planet habitable. It presents Earth in context of the solar system with a broad view of global climate change and energy resources in a quest to better understand the workings of our planet. This course on Earth and Planetary Science is suitable for students who may have taken their last science and math course several years ago, or are just curious about knowing facts on major issues that pertain to the future of our planet. Together with a reading component, this course aims to give students a flavor of how researchers think, investigate and develop conclusions that directly affect our political and economic future. Topics covered in this course range from the solar system to the study of search for other habitable Earth-like planets, search for extraterrestrial life, and evolution of life on Earth. Other characteristics of this course are heavy use of audio-visual materials often including computer animations and simulations, in-class experiment demonstration, and intensive use of INTERNET-based resources.

Type:

SCI TECH ENGR

- **SCI-161 Physical Science**

Prerequisites:

One course from MATH 104 OR MATH 121 OR MATH 130 OR MATH 134 OR MATH-164 OR MATH 165 or permission of Dept. Chair. Students who have taken SCI 101/L101 or SCI 102/L102 are not eligible to take SCI 161.

Credits:

4.00

Description:

This is a one-semester, non-lab introduction to the physical sciences. The student will obtain a good understanding of a wide variety of topics covered in selected chapters of the text (measurements, Newton's laws, energy, heat and global warming, wave motion, electricity and magnetism, atomic physics, nuclear physics, chemical reactions, and astronomy) and will be able to solve problems illustrating the most important concepts. Students who have taken SCI 101/L101 or SCI 102/L102 are not eligible to take SCI 161.

Term:

Offered Both Fall and Spring

- **SCI-165 Inner Workings of Physics Universe**

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

SCI TECH ENGR

- **SCI-H171 The Built World: How Humans Engineer Environments- Honors**

Prerequisites:

Honors students or at least a 3.3 GPA only

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid

waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR,Honors

- **SCI-181 Science and Life in the 21st Century**

Credits:

4.00

Description:

No longer offered on Boston campus This is a four credit, non-lab, science course that examines the central scientific problems confronting the 21st century. The course studies particular topics and teaches the necessary science around these topics to provide a good understanding of the issues. The topics currently are: Energy, Science and Economic Decisions, Sustainability of Life on Earth, Health and Science.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-201 Physics for Future Presidents**

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs,

nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGR

- **SCI-210 Earth and Planetary Crystals**

Prerequisites:

Take SCI-L210 concurrently

Credits:

3.00

Description:

This course will provide undergraduate students of various disciplines with an introduction to gems and crystals using interactive, evidence-based teaching approaches. Crystalline forms of matter are critical to our existence. Using innovative teaching strategies of in-class hands-on demonstration, supplemented with visuals of crystal details, the course provides students insights into the formation, alteration and unique properties that make crystals invaluable. Topics range from the study of proteins and nucleic acids to the interior of planets. The in-class lectures will provide a basic guide that will serve as a platform for individually catered in-depth study. Therefore, the course is open to advanced students as well, who can pick up higher level of information for discussion and class projects.

Type:

SCI TECH ENGR

- **SCI-L210 Earth and Planetary Crystals Laboratory**

Prerequisites:

Take SCI-210 concurrently

Credits:

1.00

Description:

This course introduces concepts that are central to understanding crystals, gemstones and other natural materials abundant throughout the solar system. It includes an introduction to carbon-based crystals (diamonds, proteins, viruses and ices) in context with origins of life, geopolitical significance and their applications. This laboratory-based course is an introduction to modern tools and techniques for crystal analysis with a historical context of some of the greatest discoveries in science (DNA, and other nanomaterials). It presents crystals and gems from their visually appealing point of view to their sometimes-dramatic physical characteristics, with a broad view of their formation, occurrence, physics, chemistry and resources perspective.

Type:

SCI TECH ENGNR



2017-2018 Archived Catalog Information

Politics, Philosophy, & Economics

The Politics, Philosophy, & Economics (PPE) program is an interdisciplinary major drawing from three academic disciplines: political science, philosophy, and economics. The program is structured to provide students with a foundation in policy, ethics, and economics so that they may develop a comprehensive understanding of the complexity of contemporary and enduring social issues.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Politics, Philosophy, & Economics Courses](#)

Major Requirements: 14 courses, 54 credits

Core Requirements (8 classes, 30 credits)

- GVT-110 Introduction to American Democracy

Credits:

4.00

Description:

An introduction to the American political system and constitutional framework. Focus will be on the interplay of various institutions (the Presidency, Congress and the Judiciary) in creating public policies. Contemporary public issues will be discussed, as will the role of political theory in shaping American democracy. Attention will be given to the role of the news media, public opinion, political ideology, political parties and interest groups in the American system.

Type:

- **GVT-225 U.S. Constitutional Law & Civil Liberties**

Credits:

4.00

Description:

This course examines a range of contemporary issues introducing students to the U.S. Constitution and the fundamental concepts of constitutional law. Students discuss and analyze topics including separation of powers, federalism, freedom of speech, the death penalty, gun control, and civil rights. We will explore current constitutional challenges and their relationship to law and society.

- **EC-101 Applied Microeconomics**

Prerequisites:

Non CAS majors need to have completed at least 15 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

- **EC-102 Global Macroeconomics**

Prerequisites:

Non-CAS majors need to have completed at least 15 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Social & Intellectual HST

Choose one of the following:

- **STATS-240 Introduction to Statistics**

Prerequisites:

Math 128 or higher. REMINDER: STATS 240 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Topics include: data presentation, measures of central locations and dispersion, probability and probability distributions, estimation, hypothesis testing, simple and multiple regression models. The use of Excel and SPSS will be emphasized throughout the course. 1 term - 4 credits (4 hours per week). Normally offered each semester. STATS 240 satisfies the same requirements as STATS 250

Type:

Quantitative Analysis

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial

and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

• GVT-201 Data Analysis and Politics

Prerequisites:

Sophomore Standing GVT 110 and 120 and Math 128 or higher.

Credits:

4.00

Description:

Quantitative analysis is quickly changing the way we understand and engage in politics, how we implement policy, and how organizations across the world make decisions. In this course, we will learn the fundamental principles of statistical inference and develop the necessary programming skills to answer a wide range of political and policy oriented questions with data analysis. Who is most likely to win the upcoming presidential election? Do countries become less democratic when leaders are assassinated? Is there racial discrimination in the labor market? These are just a few of the questions we will work on in the course.

Type:

Quantitative Analysis

• PHIL-212 Formal Logic

Credits:

4.00

Description:

An introduction to formal (or semi-formal) study of the basic types of deductive arguments (propositional and syllogistic logic). 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Quantitative Analysis

Senior Capstone Course

- **PPE-401 Political Economy**

Prerequisites:

PHIL-119, PHIL-120, PHIL-123, or PHIL-127 and 2 of the following courses: GVT-110, GVT-201, GVT-225, EC-101, EC-102, PHIL-212, PHIL-250, STATS-240, STATS-250. PPE students only. Senior status required.

Credits:

4.00

Description:

This interdisciplinary class brings together the fields of politics, philosophy, and economics at a high academic level. You will be confronted with hard questions about the sources, ends, and limits of government; the usefulness and troubles of free markets; the proper distribution of economic advantages in society; and what works best for building a just and efficient system of economic institutions.

Electives (6 courses, 24 credits)

In addition to the above requirements, students must choose two courses from each of the groups A, B, and C listed below.

A. Government

Choose any [Government](#) course at the 300-level or higher, including all internship options

B. Philosophy

- **PHIL-309 Philosophy of Freedom**

Prerequisites:

Prerequisite: One Philosophy course or consent of instructor.

Credits:

4.00

Description:

Focuses on the paradoxical relationship between freedom and responsibility and how that affects our thinking about freedom in the individual, social and political sphere. Both classical and contemporary thinkers will be considered. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every other year.

Term:

Offered Spring Term

• PHIL-319 Topics in Applied Ethics

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

This course will address in depth one or more specific issues in applied ethics. Topics will vary and may range from applied issues in political thought, such as just war theory or transitional justice, to specific questions in professional ethics or social policy, such as end-of-life care, economic justice, or the role of technology in the human future. Prerequisite: PHIL 119, or 123, or 127. 1 term - 4 credits. Normally offered every other year.

Term:

Occasional

• PHIL-362 Environmental Ethics

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

An examination of the moral issues involved in the interaction of humans with their natural environment. Topics include: the environmental crisis, human-centered vs. nature-centered ethics, intrinsic value in nature, obligations to future generations, the importance of preserving endangered species and wilderness, radical ecology, eco-feminism, and the role of social justice in environmental issues. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every year.

Term:

Occasional

- **PHIL-363 Bio and Medical Ethics**

Prerequisites:

Prerequisite: Phil 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral problems facing health-care practitioners, their patients, and others involved with the practice of medicine in today's society. Issues include euthanasia, the ethics of medical experimentation, the use of reproductive technologies, genetic counseling and genetic engineering, truth-telling and confidentiality in doctor-patient relationships, the cost and availability of medical care. Normally offered every third year.

Term:

Occasional

- **PHIL-364 Business Ethics**

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

An examination of the ethical questions in the working life and policies of the business and professional sectors of society. The focus will vary, but common themes will include: the role of commerce in civil society; the relation of business to conceptions of economic and social justice; the meaning and application of codes of ethics; obligations of corporations and professional organizations to shareholders and stakeholders; responsibilities to clients and colleagues; workplace conduct; the nature of success and conflicts between legal and moral obligations; the impact of globalization. The course will employ a variety of readings, including ethical theory and specific case studies. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every other year.

Term:

Occasional

• PHIL-401 Ethics in Action 1: Persistence of the Classics

Prerequisites:

PHIL-210 , PHIL-211, 4 credits of a 400-level PHIL course, and Instructor consent

Credits:

4.00

Description:

Examines how classical works of ancient and medieval moral and political philosophy raise questions and themes that persist in challenges facing contemporary public policy and personal ethics. Topics covered will include the nature of moral duties, the connection between happiness and morality, citizenship and virtue, the meaning of a good life, the attractions and limitations of moral relativism, the foundations of legitimate government, arguments for and against democracy, realism and idealism in statecraft, and the relationship between law and ethics. Authors may include the Pre-Socratic thinkers, Plato, Aristotle, Cicero, Augustine, and Aquinas, among others.

Term:

Offered Fall Term

Type:

Classics Minor

- **PHIL-402 Ethics in Action 2: the Crisis of the Modern**

Prerequisites:

PHIL-210, PHIL-211, 1 400-level PHIL course, and Instructor consent

Credits:

4.00

Description:

Continues the examination of themes addressed in PHIL 401/701, with a focus on how radical change, from the early modern era to the present, poses both challenges and opportunities for thought and action. In addition to issues from PHIL 401/701, themes may include revolution and reaction, the role of science and technology, the clash between universalism and particularism, distributive justice and the economy, liberty and equality, faith and secularism, and others. Authors may include Machiavelli, Hobbes, Locke, Rousseau, Kant, Hegel, Mill, Marx, and Nietzsche, as well as contemporary thinkers.

Term:

Offered Spring Term

- **PHIL-513 Internship in Applied Ethics**

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120 and consent of instructor

Credits:

4.00

Description:

Students in this course will serve as interns in a department-approved position with a service provider, professional organization, government agency, or non-governmental organization whose work is relevant to issues in applied ethics. A faculty mentor will meet with students regularly to develop individually designed programs of readings and to discuss this material and its relation to the internship experience. In addition to the substantial time commitment to the internship, course requirements will usually include a journal and a research project. PHIL 119 or 123 or 127 and consent of instructor. 1 term -4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Or choose any other 400-level [Philosophy](#) courses, when these are on a relevant topic

C. Economics

At least one of the two courses must be at the 300-level or higher.

- **EC-131 Environmental Economics**

Credits:

4.00

Description:

Identifies the environmental effects of economic activity, including polluted water and air, noise, and radiation, and values their costs and benefits. Analyzes mechanisms, including taxes and permits, for achieving a socially preferable level of pollution. Traces role played by institutions, including common ownership, in affecting environmental decay. Resource depletion (of oil, forests, and fisheries) and appropriate policy responses.

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Asian Studies

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

- **EC-311 Intermediate Micro Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

Theory of consumer behavior and demand. Theory of production and costs of production. Theory of the firm, and price and output decisions in different market structures, i.e., under perfect competition, monopoly, monopolistic competition and oligopoly. Decisions relating to pricing and employment of various inputs (labor and capital) under perfectly competitive, and less than perfectly competitive, resource markets. Required of all majors in Economics. Normally offered every semester.

- **EC-421 Public Finance**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The theory of tax policy and tax structure. The effects on economic behavior (including labor supply, saving, risk-taking and investment, charitable giving, and growth) of different taxes (income, sales, value-added, inheritance, wealth, property). Tax equity, efficiency and incidence, in the United States and in comparative perspective. Additional topics include modeling state taxes; social security and pensions; and tax compensation. Normally offered yearly.

- **EC-423 Economics of Regulation**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines regulation and analyzes the structure, conduct, and performance of American industry. Monopoly and strategic behavior in oligopoly and monopolistic competition are considered. U.S. antitrust law and the effect of regulatory laws on industrial performance are explored. Regulatory practices, rate setting, deregulation, public-enterprise pricing, and issues in privatization are examined, with an emphasis on case studies and policy analysis. Normally offered every other year.

- **EC-430 International Trade Theory & Policy**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines theories of international trade. The policy implications of each theory are explored and the effect of trade on the welfare of the nation is examined. Also the development of trade blocs and the the political economy of trade are studied. Normally offered every year.

- **EC-433 Public Choice**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

This course considers the degree to which it is possible to explain, predict, and guide political decision through the application of economic analysis. The course is organized around two competing visions of public choice: (1) a traditional organic approach that sees the core problem for public choice as requiring the maximization of social welfare and (2) a newer contractual approach that sees that problem as requiring attention to the institutional framework within which political decisions are made. Topics to be considered include the Arrow paradox and other problems in aggregating individual choices, rent-seeking, the Leviathan hypothesis, and non- market demand-revealing methods.

- **EC-442 International Monetary Economics**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The balance of payments and foreign exchange markets and instruments, and the determination of exchange rates. Balance-of-payments adjustments under alternative exchange-rate systems, international liquidity, international economics policy and open economy macroeconomics.

- **EC-460 Game Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course introduces students to the foundations of game theory using applications from economics and everyday decision-making. The course examines the common strategic elements of interactions between consumers and producers, governments and citizens, politicians and their constituencies, countries and their trading partners, and various other participants in social relationships. The course provides a theoretical framework for modeling strategic interaction, beginning with the development of the concept of a Nash equilibrium, reputation, signaling, collective-action problems, and voting procedures and strategies. Normally offered every other year.

- **EC-503 Internship in Economics**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Approximately 12 hours per week working in a position designed to give the student responsibility and a learning opportunity in economics. Interested students should consult the instructor in advance.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Politics, Philosophy, & Economics

The Politics, Philosophy, & Economics (PPE) program is an interdisciplinary major drawing from three academic disciplines: political science, philosophy, and economics. The program is structured to provide students with a foundation in policy, ethics, and economics so that they may develop a comprehensive understanding of the complexity of contemporary and enduring social issues.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Politics, Philosophy, & Economics Courses](#)
- PPE-401 Political Economy

Prerequisites:

PHIL-119, PHIL-120, PHIL-123, or PHIL-127 and 2 of the following courses: GVT-110, GVT-201, GVT-225, EC-101, EC-102, PHIL-212, PHIL-250, STATS-240, STATS-250. PPE students only. Senior status required.

Credits:

4.00

Description:

This interdisciplinary class brings together the fields of politics, philosophy, and economics at a high academic level. You will be confronted with hard questions about the sources, ends, and limits of government; the usefulness and troubles of free markets; the proper distribution of economic advantages in society; and what works best for building a just and efficient system of economic institutions.

- PPE-510 Independent Study

Credits:

1.00- 4.00

Description:

Independent Study



2017-2018 Archived Catalog Information

Psychology

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Accelerated Bachelor's/Master's in Mental Health Counseling Degree Requirements](#)
- [Societies & Honors](#)
- [Psychology Courses](#)

Major Requirements: 10-11 courses, 40-41 credits

The requirements for the Psychology major are described below. The major is designed to maximize both exposure to core disciplines within the field of psychology (core and distribution requirements) and individual student choice (elective courses).

Note that the first digit of the course number indicates the academic level of the course and recommended sequence for a student to progress through the curriculum (e.g. 100-level courses should be taken before 200-level courses early in the curriculum; 300-level courses are typically taken after 200-level courses in the junior and senior years). 500-level courses are upper-level courses that require approval by the instructor; they are appropriate for juniors and seniors. Please note that this coding system is provided only as a guideline. Students should consult with their departmental academic advisor to determine optimal course scheduling to fit their individual needs.

Core Requirements (3 courses, 12 credits)

- **PSYCH-114 General Psychology**

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **PSYCH-215 Behavioral Statistics**

Prerequisites:

PSYCH 114; Restricted to majors only unless with permission of instructor.

Credits:

4.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Quantitative Analysis

- **PSYCH-216 Research Methods and Design**

Prerequisites:

Credits:

4.00

Description:

First provides an overview of the historical background and conceptual foundation of psychology as a science before introducing students to research methods employed in psychology including naturalistic observation, qualitative, correlational, quasi-experimental, and experimental designs. The experimental method and principles of experimental design are emphasized. The laboratory component of the class helps familiarize students with practical issues that arise when implementing an empirical research study. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

PSYCH-114 General Psychology is a prerequisite for most Psychology courses (see individual course descriptions for prerequisite information). It is generally recommended that Psychology majors take this course in the first semester of the freshman year. The two-course methods sequence, Behavioral Statistics and Research Methods and Design, should be completed by the end of the sophomore year.

Distribution Requirements (3 courses, 12 credits)

Students select at least three distribution courses to count toward the major, with at least one being from each bases group. In keeping with the latest trends in the field, we have designed distribution requirements to provide students with a breadth of psychology training in the areas of social and cultural psychology, the neurological and biological bases of behavior, and developmental perspectives in psychological science. All 300-level courses require sophomore standing with PSYCH-114 as a prerequisite, and typically incorporate a substantive critical-analysis writing or presentation component (e.g., a research paper) into the curriculum.

Social or Cultural Bases

- **PSYCH-226 Theories of Personality**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Surveys the major theoretical approaches to personality including representative theorists from the psychoanalytic, trait, cognitive, behavioral, and humanistic perspectives. Topics include personality dynamics, personality development, and the study of individual differences. Normally offered yearly.

Term:

Offered Fall Term

- **PSYCH-241 Social Psychology**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Studies the social determinants of the behavior of individuals in relation to groups and surveys current research findings in such major content areas as attribution, prejudice, conformity, obedience, social cognition, interpersonal attraction, altruism, and aggression. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **PSYCH-324 Psychology of Identity and the Self**

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Focuses on the processes by which self-knowledge, self-awareness, self-conceptions, self-esteem, self-consciousness, and self-blame are developed and maintained. May also include consideration of: identity and the life story; biography, narrative, and lives; cognition and personality; cultural conceptions of self; and self psychology. Normally offered alternate years.

Term:

Offered Spring Term

Neurological and Biological Bases

- **PSYCH-312 Cognitive Neuroscience**

Prerequisites:

PSYCH 114, PSYCH 215, PSYCH 216 and sophomore standing.

Credits:

4.00

Description:

Examines theory and research on a number of human cognitive processes, including topics of attention, perception, learning, memory, language processing, problem solving, social cognition, emotion, and reasoning. The field of cognition integrates knowledge from the multiple disciplines of neuropsychology, neuroscience, linguistics, and information science. Normally offered yearly.

Term:

Offered Fall Term

- **PSYCH-313 Physiological Psychology**

Prerequisites:

PSYCH 114, PSYCH 215 and PSYCH 216.

Credits:

4.00

Description:

Explores the organic basis for human and animal behavior. Topics include nervous system structure and function as well as neurological contributions to motivation, emotion, stress, and abnormal functioning. Normally offered yearly.

Term:

Offered Fall Term

- **PSYCH-325 Health Psychology**

Prerequisites:

PSYCH 114 and Sophomore Standing

Credits:

4.00

Description:

Surveys theory and research in health psychology and behavioral medicine. Examines the bidirectional effects of social and behavioral processes on physical health and functioning, including topics such as HIV/AIDS, cancer, and cardiovascular disease. Psychological and physiological perspectives on stress and coping are a primary focus throughout the semester. Normally offered yearly.

Term:

Offered Fall Term

Developmental Bases

- **PSYCH-233 Child Development**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Examines physical, cognitive, emotional, and social development in youth (i.e., from conception through adolescence). Surveys major developmental approaches including biological, learning, and contextual/environmental theories. Major focus is on normal development. Normally offered every semester.

Term:

Offered Both Fall and Spring

• PSYCH-249 Introduction to Lifespan Development

Credits:

4.00

Description:

Examines development across the lifespan, from prenatal development through old age. Addresses biological, cognitive, social, and emotional development, with attention to the role of culture and context. Reviews major theories of development and how such theories provide conceptual frameworks for understanding the development of adaptive and maladaptive behaviors and trajectories. Also addresses implications for treatment, prevention, and positive development across the lifespan.

• PSYCH-333 Adult Development & Aging

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Surveys theory and research about the physical, mental, and psychological aspects of life-span development. Age-related changes in mental health, personality, self-image, sexual relations, friendships, career development and spirituality are explored. Aging may also be explored as a global, demographic and cross-cultural issue. Research surrounding death and dying, bereavement, and hospice/nursing home care is also presented. Normally offered alternate years.

Term:

Offered Both Fall and Spring

- **PSYCH-334 Adolescent Development**

Prerequisites:

PSYCH-114 and sophomore standing

Credits:

4.00

Description:

Examines the physical, cognitive, emotional and social aspects of adolescence. Attention is given to identity, parent-adolescent relationships, values, sexuality, and career development as well as psychopathology, drug use and abuse, delinquency, and alienation. Normally offered yearly.

Term:

Offered Fall Term

Elective Courses (2 courses, 6 credits)

Choose two of the following:

- **PSYCH-219 SL-Psychology of Trauma**

Credits:

4.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. Examines trauma from a historical, feminist, sociocultural and developmental perspective. This course will consider contemporary ways of conceptualizing, assessing, and treating psychological consequences resulting from exposure to traumatic stress. Classic and current reading materials will introduce students to leading theoretical models. Topics include war, natural disasters, child abuse, and rape. Prerequisite: PSYCH 114. 1 term - 3 semester hours. Normally offered alternate years.

Type:

Service Learning

- **PSYCH-222 Human Sexuality**

Credits:

4.00

Description:

Examines the field of human sexuality across the life span. Topics include: sexual anatomy and physiology, sexual development, typical and atypical sexual behavior, sexual dysfunctions, current research on human sexuality, and relationship issues as they relate to sexuality and intimacy. Normally offered yearly.

Term:

Offered Both Fall and Spring

- **PSYCH-236 Psychology of the Family**

Credits:

4.00

Description:

Focuses on the various forms and structures of families and family life over time and across cultures, with emphasis on the psychological impact of such forms. The complex relationship among individual psychology, family relationships, and the larger social context is addressed. Topics include marriage, parenting, and divorce. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **PSYCH-243 Organizational Psychology**

Prerequisites:

Take PSYCH-114;

Credits:

4.00

Description:

Focuses on diversity concerns in various aspects of the psychology of the workforce. This includes job analysis, recruitment, selection, evaluation, training, retention, and termination. Employee morale, well-being, stress, and hardiness are considered.

- **PSYCH-247 Asian Perspectives on Health and Work**

Credits:

4.00

Description:

Examines theoretical and empirical approaches that provide insight into Asian viewpoints on socialization practices, family systems, health/well-being, cultural traditions/values, and spiritual philosophy/literature. Explores the diversity among Asian cultures in terms of language, history, religion/spiritual faith, and healthcare practices, all of which play a significant role in shaping the psychological characteristics, interpersonal relationships, and work dynamics of Asians and Asian immigrants. Students critically analyze similarities and differences between Asian and Western psychological perspectives of health and work through didactic and experiential learning components. This course fulfills the Cultural Diversity Requirement and may fulfill the Expanded Classroom Requirement. Normally offered alternate years.

Term:

Offered Spring Term

Type:

Asian Studies

- **PSYCH-314 Learning & Reinforcement**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Examines the process of the storage of information, including its affective coloration and the role of incentives and rewards. Topics include: principles of classical and operant conditioning; verbal and episodic learning; and traditional and contemporary theory. Normally offered alternate years.

Term:

Offered Fall Term

- **PSYCH-315 Neuropsychological Syndromes**

Prerequisites:

Take PSYCH-215 PSYCH-216;

Credits:

4.00

Description:

Provides students with a neuropsychological perspective on common neuropsychological disorders, including attention-deficit hyperactivity disorder (ADHD), learning disabilities, autistic spectrum disorders, seizure disorders, traumatic brain injury (TBI), multiple sclerosis, HIV, and various dementias. Normal aging will also be considered.

Term:

Offered Fall Term

- **PSYCH-317 Psychology of Addictions**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Examines patterns of addictive behavior with an emphasis on physiological etiology. Social, historical, and other psychological perspectives are also discussed. Populations at high risk, the consequences of addiction, and research on interventions and treatment will also be addressed. Normally offered yearly.

Term:

Offered Spring Term

- **PSYCH-321 Introduction to Counseling Skills**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Explores and examines basic models of helping and provides supervised practice of helping skills. Format includes lecture, discussion, role play, and video feedback. Normally offered yearly.

Term:

Offered Fall Term

- **PSYCH-326 Abnormal Psychology**

Prerequisites:

PSYCH 114, and Sophomore standing or permission of the instructor

Credits:

4.00

Description:

Introduces the concepts of psychological disorder and focuses on description and etiology of various mental health problems from a variety of different theoretical perspectives. Students develop familiarity with the DSM classification system and major disorders described within it, including mood and anxiety disorders, thought disorders, and personality disorders. Normally offered each semester.

Term:

Offered Both Fall and Spring

- **PSYCH-336 Developmental Psychopathology**

Prerequisites:

PSYCH 114 and sophomore standing

Credits:

4.00

Description:

Examines the etiology and symptoms of disorders of childhood and adolescence, as well as current therapeutic approaches. Developmental changes in the incidence of externalizing disorders, such as conduct disorder and attention deficit disorder, and internalizing disorders, such as depression and eating disorders, are addressed. Disorders that affect both behavioral and mental functioning such as Fetal Alcohol Syndrome and autism may also be included. The role of development in the understanding and treatment of the childhood disorders is reviewed. Normally offered yearly.

Term:

Offered Fall Term

- **PSYCH-348 Introduction to Forensic Psychology**

Prerequisites:

PSYCH 114. 54 credits or more only.

Credits:

4.00

Description:

The interface of psychology and the law will be examined in the context of forensic psychological evaluations performed for courts, attorneys and related agencies or facilities. Topics ranging from the role of psychologists in the courtroom, standards of practice, the detection of deception, civil commitment, and ethical issues in forensic psychology will be discussed. Legal standards and the assessment of competence to stand trial, insanity defenses, child abuse and neglect, and child custody/visitation will be explored. This course will review the theoretical and conceptual aspects of the psycho-legal issues in question as well as the practical applications of the skills and knowledge domains needed to perform forensic psychological evaluations. The study of relevant laws and regulations as applied to the interface of psychology and the law will be considered. Discussion will include specialized forensic topics such as expert testimony, the evaluation of sexual offenders, violence risk assessment, and forensic psychological testing.

Experiential Requirement

- **PSYCH-340 Professional Development in Psychology**

Prerequisites:

PSYCH-114; Psychology majors with 32 or more credits;

Credits:

1.00

Description:

Professional Development in Psychology is a one-credit hybrid course designed to enhance your understanding of career options that are available to psychology majors and provide you with the skills and knowledge needed to secure an internship. Through class discussions, readings, and engaging assignments, students will learn about multiple career paths open to psychology majors, develop internship and job search skills, discover on and off-campus resources related to career development, and gain knowledge aimed at maximizing their opportunities for success post-graduation.

Choose one of the following:

- **PSYCH-346 Community Psychology**

Credits:

4.00

Description:

Explores the efforts of psychologists to enhance the well-being of groups and communities. Complementing clinical approaches, community approaches have implications for both theory (e.g., environmental and/or person-environment theories) and practice (e.g., prevention-oriented

paradigms targeted to groups and social systems). Students will be expected to attend weekly two-hour lectures to examine key concepts within the field (e.g., competence building, empowerment) as well as to engage in weekly community service activity. Normally offered every semester. This course fulfills the Expanded Classroom Requirement.

Term:

Offered Both Fall and Spring

Type:

Local Engagement Experience

- **PSYCH-350 Psychology Internship**

Prerequisites:

PSYCH-340 and Junior Standing. Restricted to majors only unless permission of instructor. This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Provides majors the opportunity to gain a meaningful field experience in a professional setting that is consistent with their academic background and career goals. Students are on site a minimum of 6 hours a week and must accrue at least 60 hours of field experience. Seminar discussions focus on career exploration, the integration of academic knowledge with the demands of the workplace, and professional issues, including ethics, self-reflection, and cultural sensitivity. Students are required to secure an internship before the course begins. Normally offered every semester.

Term:

Offered Both Fall and Spring

Those students who intend to complete PSYCH 350 must secure their own internship position prior to the start of the semester. See the Blackboard Undergrad Resources Page for more information.

Senior Capstone Requirement

The capstone requirement should be completed during the senior year by taking one of the following courses. Prerequisites include completion of departmental Core and Distribution requirements.

Note: PSYCH-428 is by invitation only.

- **PSYCH-408 Senior Capstone: History & Systems Of Psychology**

Prerequisites:

PSYCH 114, PSYCH 215, PSYCH 216 and senior standing

Credits:

4.00

Description:

Presents the historical context for the development of core ideas, theoretical positions, and research in the field of Psychology. The interconnections between systematic orientations and domains of psychology are examined along with their relation to contemporary concepts and issues in the field of psychology. Offered every semester.

Term:

Offered Both Fall and Spring

- **PSYCH-428 Honors Capstone: History & Systems Of Psychology**

Prerequisites:

PSYCH 114, PSYCH 215 & 216; Senior standing and admission by invitation only.

Credits:

4.00

Description:

Examines both historical and contemporary theories in the field, along with current empirical research. Emphasizes the reading of primary source material, critical thinking, and seminar discussion. Assessment and measurement issues emphasized, along with substantive writing, typically in the form of an empirical research proposal or a critical review of the theory and research in a focused domain. Admission by invitation only. Normally offered yearly.

Term:

Offered Fall Term

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Psychology

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Accelerated Bachelor's/Master's in Mental Health Counseling Degree Requirements](#)
- [Societies & Honors](#)
- [Psychology Courses](#)

Minor Requirements: 5 courses, 20 credits

- PSYCH-114 General Psychology

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

Choose one course at the 300-level or above

Choose three additional Psychology courses at any level

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Psychology

Course descriptions may be updated periodically to reflect changes since the last published catalog.

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- [Accelerated Bachelor's/Master's in Mental Health Counseling Degree Requirements](#)
- [Societies & Honors](#)
- [Psychology Courses](#)

Degree Requirements

1. Students admitted to this dual degree program must meet all the requirements of the undergraduate Psychology degree program.
2. Students must also meet all requirements for the Master's degree in Mental Health Counseling.
3. The two graduate courses taken during the senior year will count toward BOTH the undergraduate and graduate degree requirements. Credit hours will be awarded based on the graduate course description.
4. Before enrolling in a particular graduate course during the senior year, a student must obtain permission from the MHC graduate program director.
5. Students are subject to the usual standards for academic standing, i.e., undergraduate standards for undergraduate courses and graduate standards for graduate courses.

Upon successful completion of all of the degree requirements, a student will receive a dual Bachelor's and Master's degree. The exact degree (BA/BS and Master's) will be awarded based on the specific undergraduate program the student completes. A student may permanently exit the dual degree program and opt to graduate with a Bachelor's degree if all the requirements for a Bachelor's degree have been met. In this case, the graduate courses taken in the senior year will be counted as 4-credit courses applied toward the undergraduate degree requirements.



2017-2018 Archived Catalog Information

Psychology

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
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- [Accelerated Bachelor's/Master's in Mental Health Counseling Degree Requirements](#)
- [Societies & Honors](#)
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Psi Chi, the National Honor Society in Psychology

The Suffolk University chapter of Psi Chi, the national honor society in psychology, was chartered on April 28, 1978. Psi Chi is a member of the American Association of College Honor Societies. At Suffolk University we invite the top ten percent of our junior and senior class to join. Students will be contacted each spring with an invitation. Criteria for membership include:

1. Junior or senior class status
2. Completion of at least five courses in Psychology at Suffolk
3. Cumulative GPA in the top 10% of juniors and seniors

New members are inducted into the Psi Chi National Honor Society at a ceremony held in April.

Honors Program in Psychology

The Psychology department has an Honors program for majors who are admitted to and in good standing in the CAS Honors College. Honors Psychology majors follow all rules and fulfill all CAS Honors College requirements, and are invited to meet those requirements with supports from the department. These supports include an Honors Intro to Psychology course, an Honors Senior Seminar, advising from the Honors Coordinator, and opportunities for one-on-one

mentorship with department faculty for the Honors Thesis. Please consult the Honors College requirements and see the Honors Coordinator (Dr. Amy Marks) for more information.



2017-2018 Archived Catalog Information

Psychology

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Accelerated Bachelor's/Master's in Mental Health Counseling Degree Requirements](#)
- [Societies & Honors](#)
- [Psychology Courses](#)

• NEUR-101 Intro to Neuroscience

Credits:

4.00

Description:

Introduces the field of neuroscience, the study of the organization and function of the nervous system of humans and other animals. Neuroscientists examine how individual neurons function as signaling devices, how groups of neurons operate as circuits to produce fundamental units of behavior, and how much larger systems in the brain subserve complex functions such as memory and consciousness. Topics include the neuron and neural transmission, the overall function and organization of the nervous system, the development of the brain, neural plasticity, sleep, memory and other higher cognitive functions. Normally offered alternate years.

Type:

SCI TECH ENGR

- **PSYCH-114 General Psychology**

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **PSYCH-H114 General Psychology**

Prerequisites:

Restricted to honor students in the CAS and SBS schools, or instructor permission

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Honors

- **PSYCH-215 Behavioral Statistics**

Prerequisites:

PSYCH 114; Restricted to majors only unless with permission of instructor.

Credits:

4.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Quantitative Analysis

- **PSYCH-L215 Behavioral Statistics Lab**

Prerequisites:

Must be taken concurrent with PSYCH-215

Credits:

0.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. This lab portion of the course will help familiarize students with the computer software to be successful in the field and course.

- **PSYCH-216 Research Methods and Design**

Prerequisites:

PSYCH 114 and PSYCH 215

Credits:

4.00

Description:

First provides an overview of the historical background and conceptual foundation of psychology as a science before introducing students to research methods employed in psychology including naturalistic observation, qualitative, correlational, quasi-experimental, and experimental designs. The experimental method and principles of experimental design are emphasized. The laboratory component of the class helps familiarize students with practical issues that arise when implementing an empirical research study. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

- **PSYCH-219 SL-Psychology of Trauma**

Credits:

4.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. Examines trauma from a historical, feminist, sociocultural and developmental perspective. This course will consider contemporary ways of conceptualizing, assessing, and treating psychological consequences resulting from exposure to traumatic stress. Classic and current reading materials will introduce students to leading theoretical models. Topics include war, natural disasters, child abuse, and rape. Prerequisite: PSYCH 114. 1 term - 3 semester hours. Normally offered alternate years.

Type:

Service Learning

- **PSYCH-222 Human Sexuality**

Credits:

4.00

Description:

Examines the field of human sexuality across the life span. Topics include: sexual anatomy and physiology, sexual development, typical and atypical sexual behavior, sexual dysfunctions, current research on human sexuality, and relationship issues as they relate to sexuality and intimacy. Normally offered yearly.

Term:

Offered Both Fall and Spring

- **PSYCH-226 Theories of Personality**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Surveys the major theoretical approaches to personality including representative theorists from the psychoanalytic, trait, cognitive, behavioral, and humanistic perspectives. Topics include personality dynamics, personality development, and the study of individual differences. Normally offered yearly.

Term:

Offered Fall Term

- **PSYCH-H226 Theories of Personality**

Prerequisites:

PSYCH 114; CAS Honors

Credits:

4.00

Description:

Surveys the major theoretical approaches to personality including representative theorists from the psychoanalytic, trait, cognitive, behavioral, and humanistic perspectives. Topics include personality dynamics, personality development, and the study of individual differences. Normally offered yearly.

Term:

Offered Fall Term

Type:

Honors

• PSYCH-233 Child Development

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Examines physical, cognitive, emotional, and social development in youth (i.e., from conception through adolescence). Surveys major developmental approaches including biological, learning, and contextual/environmental theories. Major focus is on normal development. Normally offered every semester.

Term:

Offered Both Fall and Spring

• PSYCH-H233 Child Development

Prerequisites:

PSYCH 114; Restricted to CAS Honor Students

Credits:

4.00

Description:

Examines physical, cognitive, emotional, and social development in youth (i.e., from conception through adolescence). Surveys major developmental approaches including biological, learning, and contextual/environmental theories. Major focus is on normal development. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Honors

- **PSYCH-236 Psychology of the Family**

Credits:

4.00

Description:

Focuses on the various forms and structures of families and family life over time and across cultures, with emphasis on the psychological impact of such forms. The complex relationship among individual psychology, family relationships, and the larger social context is addressed. Topics include marriage, parenting, and divorce. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **PSYCH-241 Social Psychology**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Studies the social determinants of the behavior of individuals in relation to groups and surveys current research findings in such major content areas as attribution, prejudice, conformity, obedience, social cognition, interpersonal attraction, altruism, and aggression. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **PSYCH-243 Organizational Psychology**

Prerequisites:

Take PSYCH-114;

Credits:

4.00

Description:

Focuses on diversity concerns in various aspects of the psychology of the workforce. This includes job analysis, recruitment, selection, evaluation, training, retention, and termination. Employee morale, well-being, stress, and hardiness are considered.

- **PSYCH-247 Asian Perspectives on Health and Work**

Credits:

4.00

Description:

Examines theoretical and empirical approaches that provide insight into Asian viewpoints on socialization practices, family systems, health/well-being, cultural traditions/values, and spiritual philosophy/literature. Explores the diversity among Asian cultures in terms of language, history, religion/spiritual faith, and healthcare practices, all of which play a significant role in shaping the psychological characteristics, interpersonal relationships, and work

dynamics of Asians and Asian immigrants. Students critically analyze similarities and differences between Asian and Western psychological perspectives of health and work through didactic and experiential learning components. This course fulfills the Cultural Diversity Requirement and may fulfill the Expanded Classroom Requirement. Normally offered alternate years.

Term:

Offered Spring Term

Type:

Asian Studies

- **PSYCH-248 The Psychology of Mindfulness**

Credits:

2.00

Description:

Over the past few decades, there has been a surge of interest in the investigation of mindfulness (intentional and non-judgmental awareness of the present moment) as a psychological construct. In this course, we will consider different definitions of this construct, examine the neuroscience behind mindfulness-based practices, and explore its practical applications in a variety of areas including psychotherapy, education, and business. To enhance experiential learning, students will engage in, and reflect on, several common mindfulness practices derived from exercises from evidence-based programs

- **PSYCH-249 Introduction to Lifespan Development**

Credits:

4.00

Description:

Examines development across the lifespan, from prenatal development through old age. Addresses biological, cognitive, social, and emotional development, with attention to the role of culture and context. Reviews major theories of development and how such theories provide conceptual frameworks for understanding the development of adaptive and maladaptive behaviors and trajectories. Also addresses implications for treatment, prevention, and positive development across the lifespan.

- **PSYCH-280 Sports Psychology**

Credits:

4.00

Description:

In this course, students will learn the theories, concepts, and intervention techniques of sport psychology. Topics covered will include introduction to the field of sport psychology, looking at the personal factors that affect performance and psychological development in sport. We will explore the factors that influence behavior, group interaction and processes, and the use of psychological techniques to help perform more effectively.

- **PSYCH-312 Cognitive Neuroscience**

Prerequisites:

PSYCH 114, PSYCH 215, PSYCH 216 and sophomore standing.

Credits:

4.00

Description:

Examines theory and research on a number of human cognitive processes, including topics of attention, perception, learning, memory, language processing, problem solving, social cognition, emotion, and reasoning. The field of cognition integrates knowledge from the multiple disciplines of neuropsychology, neuroscience, linguistics, and information science. Normally offered yearly.

Term:

Offered Fall Term

- **PSYCH-313 Physiological Psychology**

Prerequisites:

PSYCH 114, PSYCH 215 and PSYCH 216.

Credits:

4.00

Description:

Explores the organic basis for human and animal behavior. Topics include nervous system structure and function as well as neurological contributions to motivation, emotion, stress, and abnormal functioning. Normally offered yearly.

Term:

Offered Fall Term

- **PSYCH-314 Learning & Reinforcement**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Examines the process of the storage of information, including its affective coloration and the role of incentives and rewards. Topics include: principles of classical and operant conditioning; verbal and episodic learning; and traditional and contemporary theory. Normally offered alternate years.

Term:

Offered Fall Term

- **PSYCH-315 Neuropsychological Syndromes**

Prerequisites:

Take PSYCH-215 PSYCH-216;

Credits:

4.00

Description:

Provides students with a neuropsychological perspective on common neuropsychological disorders, including attention-deficit hyperactivity disorder (ADHD), learning disabilities, autistic spectrum disorders, seizure disorders, traumatic brain injury (TBI), multiple sclerosis, HIV, and various dementias. Normal aging will also be considered.

Term:

Offered Fall Term

- **PSYCH-317 Psychology of Addictions**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Examines patterns of addictive behavior with an emphasis on physiological etiology. Social, historical, and other psychological perspectives are also discussed. Populations at high risk, the consequences of addiction, and research on interventions and treatment will also be addressed. Normally offered yearly.

Term:

Offered Spring Term

- **PSYCH-321 Introduction to Counseling Skills**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Explores and examines basic models of helping and provides supervised practice of helping skills. Format includes lecture, discussion, role play, and video feedback. Normally offered yearly.

Term:

Offered Fall Term

• PSYCH-324 Psychology of Identity and the Self

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Focuses on the processes by which self-knowledge, self-awareness, self-conceptions, self-esteem, self-consciousness, and self-blame are developed and maintained. May also include consideration of: identity and the life story; biography, narrative, and lives; cognition and personality; cultural conceptions of self; and self psychology. Normally offered alternate years.

Term:

Offered Spring Term

• PSYCH-325 Health Psychology

Prerequisites:

PSYCH 114 and Sophomore Standing

Credits:

4.00

Description:

Surveys theory and research in health psychology and behavioral medicine. Examines the bidirectional effects of social and behavioral processes on physical health and functioning, including topics such as HIV/AIDS, cancer, and cardiovascular disease. Psychological and physiological perspectives

on stress and coping are a primary focus throughout the semester. Normally offered yearly.

Term:

Offered Fall Term

- **PSYCH-326 Abnormal Psychology**

Prerequisites:

PSYCH 114, and Sophomore standing or permission of the instructor

Credits:

4.00

Description:

Introduces the concepts of psychological disorder and focuses on description and etiology of various mental health problems from a variety of different theoretical perspectives. Students develop familiarity with the DSM classification system and major disorders described within it, including mood and anxiety disorders, thought disorders, and personality disorders. Normally offered each semester.

Term:

Offered Both Fall and Spring

- **PSYCH-333 Adult Development & Aging**

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Surveys theory and research about the physical, mental, and psychological aspects of life-span development. Age-related changes in mental health, personality, self-image, sexual relations, friendships, career development and spirituality are explored. Aging may also be explored as a global,

demographic and cross-cultural issue. Research surrounding death and dying, bereavement, and hospice/nursing home care is also presented. Normally offered alternate years.

Term:

Offered Both Fall and Spring

• PSYCH-334 Adolescent Development

Prerequisites:

PSYCH-114 and sophomore standing

Credits:

4.00

Description:

Examines the physical, cognitive, emotional and social aspects of adolescence. Attention is given to identity, parent-adolescent relationships, values, sexuality, and career development as well as psychopathology, drug use and abuse, delinquency, and alienation. Normally offered yearly.

Term:

Offered Fall Term

• PSYCH-336 Developmental Psychopathology

Prerequisites:

PSYCH 114 and sophomore standing

Credits:

4.00

Description:

Examines the etiology and symptoms of disorders of childhood and adolescence, as well as current therapeutic approaches. Developmental changes in the incidence of externalizing disorders, such as conduct disorder and attention deficit disorder, and internalizing disorders, such as depression and

eating disorders, are addressed. Disorders that affect both behavioral and mental functioning such as Fetal Alcohol Syndrome and autism may also be included. The role of development in the understanding and treatment of the childhood disorders is reviewed. Normally offered yearly.

Term:

Offered Fall Term

- **PSYCH-340 Professional Development in Psychology**

Prerequisites:

PSYCH-114; Psychology majors with 32 or more credits;

Credits:

1.00

Description:

Professional Development in Psychology is a one-credit hybrid course designed to enhance your understanding of career options that are available to psychology majors and provide you with the skills and knowledge needed to secure an internship. Through class discussions, readings, and engaging assignments, students will learn about multiple career paths open to psychology majors, develop internship and job search skills, discover on and off-campus resources related to career development, and gain knowledge aimed at maximizing their opportunities for success post-graduation.

- **PSYCH-341 Sociocultural Perspectives on Behavior and Experience**

Credits:

4.00

Description:

Exposes students, particularly those interested in helping and service careers, to the terminology and approaches used in the study and critical discussion of culture and diversity. This course will be useful for students seeking to develop sensitivity, respect, and understanding of the meaning that individuals attach to their own definitions of culture. While topics relevant to specific, ethnic, racial, gendered and differently abled groups will be covered to varying degrees in each semester, attention is also given to culture as a personal and societal construction. Normally offered alternate years. This course fulfills the Cultural Diversity Requirement.

Term:

Offered Spring Term

- **PSYCH-346 Community Psychology**

Credits:

4.00

Description:

Explores the efforts of psychologists to enhance the well-being of groups and communities. Complementing clinical approaches, community approaches have implications for both theory (e.g., environmental and/or person-environment theories) and practice (e.g., prevention-oriented paradigms targeted to groups and social systems). Students will be expected to attend weekly two-hour lectures to examine key concepts within the field (e.g., competence building, empowerment) as well as to engage in weekly community service activity. Normally offered every semester. This course fulfills the Expanded Classroom Requirement.

Term:

Offered Both Fall and Spring

Type:

Local Engagement Experience

- **PSYCH-348 Introduction to Forensic Psychology**

Prerequisites:

PSYCH 114. 54 credits or more only.

Credits:

4.00

Description:

The interface of psychology and the law will be examined in the context of forensic psychological evaluations performed for courts, attorneys and related agencies or facilities. Topics ranging from the role of psychologists in the courtroom, standards of practice, the detection of deception, civil commitment, and ethical issues in forensic psychology will be discussed. Legal standards and the assessment of competence to stand trial, insanity defenses, child abuse and neglect, and child custody/visitation will be explored. This course will review the theoretical and conceptual aspects of the

psycho-legal issues in question as well as the practical applications of the skills and knowledge domains needed to perform forensic psychological evaluations. The study of relevant laws and regulations as applied to the interface of psychology and the law will be considered. Discussion will include specialized forensic topics such as expert testimony, the evaluation of sexual offenders, violence risk assessment, and forensic psychological testing.

- **PSYCH-350 Psychology Internship**

Prerequisites:

PSYCH-340 and Junior Standing. Restricted to majors only unless permission of instructor. This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Provides majors the opportunity to gain a meaningful field experience in a professional setting that is consistent with their academic background and career goals. Students are on site a minimum of 6 hours a week and must accrue at least 60 hours of field experience. Seminar discussions focus on career exploration, the integration of academic knowledge with the demands of the workplace, and professional issues, including ethics, self-reflection, and cultural sensitivity. Students are required to secure an internship before the course begins. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **PSYCH-408 Senior Capstone: History & Systems Of Psychology**

Prerequisites:

PSYCH 114, PSYCH 215, PSYCH 216 and senior standing

Credits:

4.00

Description:

Presents the historical context for the development of core ideas, theoretical positions, and research in the field of Psychology. The interconnections between systematic orientations and domains of psychology are examined along with their relation to contemporary concepts and issues in the field of

psychology. Offered every semester.

Term:

Offered Both Fall and Spring

- **PSYCH-422 Groups in Schools**

Prerequisites:

Senior status and permission of department chair required.

Credits:

4.00

Description:

An overview of the various group counseling formats utilized in schools, and related theories. Issues related to the development and implementation of small counseling groups (e.g., group dynamics and processes for group member selection) and larger educational and prevention-based groups (e.g., fostering positive mental health, career-related programming, anti-bullying) will be explored and discussed.

- **PSYCH-428 Honors Capstone: History & Systems Of Psychology**

Prerequisites:

PSYCH 114, PSYCH 215 & 216; Senior standing and admission by invitation only.

Credits:

4.00

Description:

Examines both historical and contemporary theories in the field, along with current empirical research. Emphasizes the reading of primary source material, critical thinking, and seminar discussion. Assessment and measurement issues emphasized, along with substantive writing, typically in the form of an empirical research proposal or a critical review of the theory and research in a focused domain. Admission by invitation only. Normally offered yearly.

Term:

Offered Fall Term

- **PSYCH-H428 Honors Capstone: History & Systems Of Psychology**

Prerequisites:

PSYCH 114, PSYCH 215, and PSYCH 216; CAS Honors, Senior standing, and admission by invitation only.

Credits:

4.00

Description:

Examines both historical and contemporary theories in the field, along with current empirical research. Emphasizes the reading of primary source material, critical thinking, and seminar discussion. Assessment and measurement issues emphasized, along with substantive writing, typically in the form of an empirical research proposal or a critical review of the theory and research in a focused domain. Admission by invitation only. Normally offered yearly.

Term:

Offered Fall Term

Type:

Honors

- **PSYCH-510 Independent Study**

Prerequisites:

JR or SR status; Majors Only; Department chair consent.

Credits:

1.00- 4.00

Description:

Substantive reading/research in area of special interest directed by a faculty member.

Term:

Offered Both Fall and Spring



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Major Requirements: 13-14 courses, 49 credits

Advertising and Public Relations Core (3 courses, 9 credits)

- ADPR-101 Introduction to Advertising, Public Relations, and Social Media

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical approaches to the study of Advertising, Public Relations & Social Media. Students investigate the broad themes and foundational concepts which unify these diverse fields.

Term:

Offered Both Fall and Spring

- **ADPR-102 Professional Development**

Prerequisites:

ADPR-101 must be taken concurrently

Credits:

1.00

Description:

In this hands-on experiential course, students examine potential career paths in Advertising, Public Relations, and Social Media, become oriented to the university and the surrounding Boston area, and identify professional resources in Boston that foster career development.

- **ADPR-103 Presentations Skills**

Credits:

4.00

Description:

The development and delivery of oral presentations. Students acquire skills in oral and physical delivery, organization, persuasion, critical thinking, and use of support media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

Note: All students should take ADPR-101, ADPR-102, and ADPR-103 during their first year. ADPR-101 and ADPR-102 should be taken during a student's first semester in the major.

- **ADPR-247 Design Lab**

Credits:

4.00

Description:

Computer applications for advertising and communication design. Using various graphical editing and design programs, students learn the theory and practice of design for layout, logos, and graphic elements in communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-289 Social Media**

Credits:

4.00

Description:

Social media sites such as Facebook, Instagram, Snapchat and Twitter are examined from a cultural and critical perspective. Students use of social media for community formation, social presence, identity building, and social activism. The roles of advertising, public relations, and branding are examined.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-378 Event Planning and Promotion**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines how events are built, promoted, managed, and assessed, with an emphasis on conventions, trade shows, and nonprofit events. Issues analyzed include facilities planning and contracts, legal issues, volunteer management, budgeting, marketing, and planner/staff communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-2277 Public Relations I: Principles**

Credits:

4.00

Description:

Effective public relations involve an understanding of the history, theory, and practice of public relations including public relations concepts, the role of the practitioner, and the foundations of public relations. This course seeks to provide that foundation as an introduction to the field of public relations. Issues surrounding the history, legality, process, and principles of public relations are explored.

Term:

Offered Both Fall and Spring

- **ADPR-3376 Public Relations II: Research**

Prerequisites:

CJN-2277 (Formerly CJN-277)

Credits:

4.00

Description:

Examines how research aids the public relations practice. Students learn research methods that address public relations planning and problem-solving. Assignments provide students with hands-on practice using research for a PR project.

Term:

Offered Both Fall and Spring

- **ADPR-3377 Public Relations III: Strategic Writing**

Prerequisites:

CJN-2277(formerly CJN-277);

Credits:

4.00

Description:

Focuses on writing principles for public relations including the formulation of clear PR objectives, determining the knowledge of the target audience, and the development of key messages. Students apply these principles to common PR formats, including news releases, pitch letters, biographies, speeches, emails, digital content, and social media posts.

Term:

Offered Both Fall and Spring

- **ADPR-4477 Public Relations IV: Campaigns**

Prerequisites:

ADPR-2277(formerly CJK-2277) and ADPR-3377(formerly CJK-3377) and Senior Standing.

Credits:

4.00

Description:

Examines typical public relations problems experienced by profit and not-for-profit organizations. Provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign plan for a community client.

Term:

Offered Both Fall and Spring

Public Relations Electives (3-4 courses, 12 credits)

Choose three of the following:

- **ADPR-257 Advertising**

Credits:

4.00

Description:

A survey course that introduces students to advertising concepts and practices from the perspective of agencies, clients, the media, and consumers. Students learn to think critically about advertising messages and learn practical techniques for developing effective advertising in various media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-258 Sports Public Relations**

Credits:

4.00

Description:

The application of public relations strategies and techniques to college and professional sports.

Term:

Alternates Fall & Spring

- **ADPR-297 New Media New Markets**

Credits:

4.00

Description:

Students learn HTML, CSS and Widgets for the construction, design and posting of web sites. In addition, we examine the use of websites, mobile sites for advertising, public relations, search engine optimization, and marketing.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-299 Blogs and Blogging**

Credits:

2.00

Description:

Introduces students to the elements of professional blogs and blogging, including blog structures, use of images, creation of podcasts, and appropriate writing. Examines the social influence of blogs and the ethical responsibilities of bloggers. Students create their own blogs as part of the course.

- **ADPR-309 Grassroots Digital Advocacy**

Credits:

2.00

Description:

Examines advocacy campaigns that use digital strategies and techniques. Students explore the use of social media to raise awareness for causes, issues, and fundraising, and consider the impact of technology on grassroots advocacy.

- **ADPR-335 Negotiation**

Credits:

4.00

Description:

Introduces the techniques of negotiation. Focuses on the processes of negotiation across a variety of contexts. Offers students the opportunity to explore methods of applying these skills to professional and other real world settings.

- **ADPR-340 Health Communication**

Credits:

4.00

Description:

Examines the important functions performed by human and mediated communication for health care consumers and providers. The course focus is on the use of communication strategies to inform and influence individual and community decisions regarding health.

Term:

Occasional

- **ADPR-383 Online Advertising**

Prerequisites:

CJN-257;

Credits:

4.00

Description:

All forms of online advertising are explored, including paid search, with a focus on building a brand online.

Term:

Alternates Fall & Spring

Type:

Arts Admin Minor Elective

- **ADPR-409 Content Management**

Prerequisites:

ADPR-2277

Credits:

4.00

Description:

Examines best practices for web publishing, including creating, editing and maintaining content for online and social media platforms. Students analyze the content of websites and then produce their own content in a variety of forms. Covers content creation and maintenance techniques, as well as customer and client relationship skills, with an emphasis on effective writing. Includes practical experience creating, editing and maintaining content for online and social media platforms.

- **ADPR-430 Social Media Campaigns**

Prerequisites:

ADPR-389

Credits:

4.00

Description:

Covers the development of a social media campaign for a target audience using a variety of platforms. Students will use social media and design tools to create a campaign for a client, moving it from concept through execution.

- **ADPR-431 Multi-Platform Marketing Communication**

Prerequisites:

ADPR-257

Credits:

4.00

Description:

Focuses on creating an integrated multi-platform brand campaign that spans various media, including television, social media, search and print. Students will analyze the success and failure of brands' campaigns and will also develop a multi-platform campaign for an existing brand.

- **ADPR-435 Advocacy and Public Policy**

Credits:

4.00

Description:

Examines persuasion strategies and tactics for advancing public policy proposals and concerns. Students will learn how to apply the principles of Public Relations, Advertising, Negotiations and Persuasion to influence the public and government decision-makers.

- **ADPR-488 Grant Writing**

Credits:

4.00

Description:

Hands-on course that explores the process of writing and submitting grants to foundations, associations, the government, and other grantors on behalf of nonprofit organizations. Students learn how to identify grant resources through research, compile an effective submission, and write supporting material such as cover letters and appendices. Also covers how grants are reviewed and tips for successful grant submissions.

Term:

Occasional

- **ADPR-492 Special Topics in Public Relations**

Credits:

4.00

Description:

Explores current issues in public relations.

Term:

Occasional

Note: Students who elect to take ADPR-299 must take ADPR-309, or vice versa, to meet the elective credit requirement.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Minor Requirements: 5 courses, 20 credits

- ADPR-378 Event Planning and Promotion

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines how events are built, promoted, managed, and assessed, with an emphasis on conventions, trade shows, and nonprofit events. Issues analyzed include facilities planning and contracts, legal issues, volunteer management, budgeting, marketing, and planner/staff communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-2277 Public Relations I: Principles**

Credits:

4.00

Description:

Effective public relations involve an understanding of the history, theory, and practice of public relations including public relations concepts, the role of the practitioner, and the foundations of public relations. This course seeks to provide that foundation as an introduction to the field of public relations. Issues surrounding the history, legality, process, and principles of public relations are explored.

Term:

Offered Both Fall and Spring

- **ADPR-3376 Public Relations II: Research**

Prerequisites:

CJN-2277 (Formerly CJN-277)

Credits:

4.00

Description:

Examines how research aids the public relations practice. Students learn research methods that address public relations planning and problem-solving. Assignments provide students with hands-on practice using research for a PR project.

Term:

Offered Both Fall and Spring

- **ADPR-3377 Public Relations III: Strategic Writing**

Prerequisites:

CJN-2277(formerly CJN-277);

Credits:

4.00

Description:

Focuses on writing principles for public relations including the formulation of clear PR objectives, determining the knowledge of the target audience, and the development of key messages. Students apply these principles to common PR formats, including news releases, pitch letters, biographies, speeches, emails, digital content, and social media posts.

Term:

Offered Both Fall and Spring

Choose one of the following:

- **ADPR-258 Sports Public Relations**

Credits:

4.00

Description:

The application of public relations strategies and techniques to college and professional sports.

Term:

Alternates Fall & Spring

- **ADPR-340 Health Communication**

Credits:

4.00

Description:

Examines the important functions performed by human and mediated communication for health care consumers and providers. The course focus is on the use of communication strategies to inform and influence individual and community decisions regarding health.

Term:

Occasional

- **ADPR-441 Risk and Crisis Communication**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Provides students with insight into effective risk and crisis management within organizations, including health organizations. Focuses on the application of theories, strategies, and tactics from a public relations perspective. Students understand how communication can prevent, cause, accelerate, and assist in recovery from a crisis.

Term:

Occasional

- **ADPR-457 Integrated Marketing Communication**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines the integration of advertising, promotion, public relations and marketing communication in the strategic communication process. By learning the fundamentals of interpersonal and persuasive communication, students have an opportunity to develop an effective communication plan for a brand that includes creative copy.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-492 Special Topics in Public Relations**

Credits:

4.00

Description:

Explores current issues in public relations.

Term:

Occasional

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Degree Requirements

1. Students admitted to this dual degree program must meet all the requirements of an undergraduate degree program within the departments of Communication & Journalism or Advertising, Public Relations, & Social Media.
2. Student must also meet all requirements for the Master's degree in Communication.
3. Students will take two Communication graduate courses during their senior year; one during the fall semester and one during the spring semester. The two graduate courses taken during the senior year will count toward BOTH the undergraduate and graduate degree requirements. Credit hours will be awarded based on the graduate course description.
4. The graduate courses taken during the senior year will be determined by the Communication graduate program director.
5. Students are subject to the usual standards for academic standing, i.e., undergraduate standards for undergraduate courses and graduate standards for graduate courses.

Upon successful completion of all of the degree requirements, a student will receive a dual Bachelor's and Master's degree. The exact degree will be awarded based on the specific undergraduate program the student completes. A student may permanently exit the dual degree program and opt to graduate with a Bachelor's degree if all the requirements for a Bachelor's degree have been met. In this case, the graduate courses taken in the senior year will be counted as 4-credit courses applied toward the undergraduate degree requirements.



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Majors in the Advertising, Public Relations, & Social Media department who have completed 24 credits of ADPR coursework, and who have a major GPA of 3.4 or higher and an overall GPA of 3.2 or higher may enroll in ADPR-506 Honors Seminar. Completion of Honors Seminar with a grade of "B+" or better entitles the student to departmental honors. For further details, contact the department chair.

- **ADPR-506 Honors Seminar**

Prerequisites:

Senior CJN majors with an overall cumulative grade point average of 3.0, and a major GPA of 3.4

Credits:

4.00

Description:

Senior CJN majors meeting requirements for Departmental Honors are invited to participate in this seminar, which entails research and presentation of an approved topic.

Term:

Offered Spring Term



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-
- ADPR-101 Introduction to Advertising, Public Relations, and Social Media

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical approaches to the study of Advertising, Public Relations & Social Media. Students investigate the broad themes and foundational concepts which unify these diverse fields.

Term:

Offered Both Fall and Spring

- ADPR-102 Professional Development

Prerequisites:

ADPR-101 must be taken concurrently

Credits:

1.00

Description:

In this hands-on experiential course, students examine potential career paths in Advertising, Public Relations, and Social Media, become oriented to the university and the surrounding Boston area, and identify professional resources in Boston that foster career development.

- **ADPR-103 Presentations Skills**

Credits:

4.00

Description:

The development and delivery of oral presentations. Students acquire skills in oral and physical delivery, organization, persuasion, critical thinking, and use of support media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-177 Professional Communication**

Credits:

4.00

Description:

An introduction to the processes of professional communication, with emphasis on oral presentations, report writing, effective listening, and interpersonal communication in the business environment.

Term:

Occasional

- **ADPR-210 Communication Research Statistics**

Credits:

4.00

Description:

The course develops an understanding of how statistics are used in the presentation of information and arguments in Advertising, Public Relations & Social Media. Emphasizing a conceptual approach to learning statistics, the course focuses on data collection and summarization, correlation, regression, sampling, estimation, and tests of significance. Students perform basic statistical calculations using SPSS software.

Term:

Offered Both Fall and Spring

Type:

Quantitative Analysis

- **ADPR-217 Gay and Lesbian Studies**

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social, and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions, and social movements.

Term:

Alternates Fall & Spring

- **ADPR-219 Rhetoric of Protest and Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **ADPR-235 Argument and Advocacy**

Credits:

4.00

Description:

Modern applications of argument in political, social, and legal situations. Emphasis on development of arguments, analysis, use of evidence, and delivery of oral and written assignments.

Term:

Offered Fall Term

- **ADPR-239 Creativity in Global Branding**

Credits:

3.00

Description:

This online course is provides students with an understanding of the role creativity plays in the development and management of a company's brands. Specifically, the class will delve deeply into creative strategy in advertising and marketing with a particular focus on award-winning creative strategy. The course will integrate international travel to France for the Cannes Lions International Festival of Creativity.

- **ADPR-245 Forensics**

Credits:

1.00- 8.00

Description:

Intensive research on topics in debate and active participation in the University forensics program. ECR

Term:

Offered Spring Term

- **ADPR-247 Design Lab**

Credits:

4.00

Description:

Computer applications for advertising and communication design. Using various graphical editing and design programs, students learn the theory and practice of design for layout, logos, and graphic elements in communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-257 Advertising**

Credits:

4.00

Description:

A survey course that introduces students to advertising concepts and practices from the perspective of agencies, clients, the media, and consumers. Students learn to think critically about advertising messages and learn practical techniques for developing effective advertising in various media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-258 Sports Public Relations**

Credits:

4.00

Description:

The application of public relations strategies and techniques to college and professional sports.

Term:

Alternates Fall & Spring

- **ADPR-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media on contemporary society from a social science perspective. Television, radio, film, and print formats are discussed in terms of their persuasive impact on mass culture in the U.S.. The emergence and development of Rock N Roll is discussed in unison with the Civil

Rights, Student's Rights, and anti-War movements of the period from 1946-1972.

Term:

Offered Spring Term

Type:

Human Behavior & Societies

- **ADPR-289 Social Media**

Credits:

4.00

Description:

Social media sites such as Facebook, Instagram, Snapchat and Twitter are examined from a cultural and critical perspective. Students use of social media for community formation, social presence, identity building, and social activism. The roles of advertising, public relations, and branding are examined.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-297 New Media New Markets**

Credits:

4.00

Description:

Students learn HTML, CSS and Widgets for the construction, design and posting of web sites. In addition, we examine the use of websites, mobile sites for advertising, public relations, search engine optimization, and marketing.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-299 Blogs and Blogging**

Credits:

2.00

Description:

Introduces students to the elements of professional blogs and blogging, including blog structures, use of images, creation of podcasts, and appropriate writing. Examines the social influence of blogs and the ethical responsibilities of bloggers. Students create their own blogs as part of the course.

- **ADPR-309 Grassroots Digital Advocacy**

Credits:

2.00

Description:

Examines advocacy campaigns that use digital strategies and techniques. Students explore the use of social media to raise awareness for causes, issues, and fundraising, and consider the impact of technology on grassroots advocacy.

- **ADPR-317 Principles of Branding and Visual Identity**

Prerequisites:

ADPR-257

Credits:

4.00

Description:

Examines the success and failure of the visual identities of brands as well developing a new visual identity and launching a campaign for an existing brand. Includes an analysis of the strategically planned and purposeful presentation of a brand's visual identity as well as a brand's name, logo, tagline (slogan), color palette and other sensory elements that make a brand unique.

- **ADPR-335 Negotiation**

Credits:

4.00

Description:

Introduces the techniques of negotiation. Focuses on the processes of negotiation across a variety of contexts. Offers students the opportunity to explore methods of applying these skills to professional and other real world settings.

- **ADPR-340 Health Communication**

Credits:

4.00

Description:

Examines the important functions performed by human and mediated communication for health care consumers and providers. The course focus is on the use of communication strategies to inform and influence individual and community decisions regarding health.

Term:

Occasional

- **ADPR-347 Media Planning**

Prerequisites:

CJN 257

Credits:

4.00

Description:

The planning and purchasing of advertising space and time. Examines media costs, budgets, and media strategy for different audiences and markets.

Term:

Offered Both Fall and Spring

- **ADPR-351 Native Advertising**

Prerequisites:

ADPR-257

Credits:

4.00

Description:

Examines the contemporary public relations practice of Native Advertising and sponsored content. Explores different forms of native advertising, methods and mechanisms for creating sponsored content, ethical and regulatory issues, and industry trends. Students learn how to blend content with news site partners, to use the different types of paid syndication, and to set up native ads.

- **ADPR-359 Advertising Copy**

Prerequisites:

CJN 257

Credits:

4.00

Description:

Continuation of basic advertising, with an emphasis on developing effective advertising messages and advertising campaigns.

Term:

Offered Both Fall and Spring

- **ADPR-378 Event Planning and Promotion**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines how events are built, promoted, managed, and assessed, with an emphasis on conventions, trade shows, and nonprofit events. Issues analyzed include facilities planning and contracts, legal issues, volunteer management, budgeting, marketing, and planner/staff communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-383 Online Advertising**

Prerequisites:

CJN-257;

Credits:

4.00

Description:

All forms of online advertising are explored, including paid search, with a focus on building a brand online.

Term:

Alternates Fall & Spring

Type:

Arts Admin Minor Elective

- **ADPR-409 Content Management**

Prerequisites:

ADPR-2277

Credits:

4.00

Description:

Examines best practices for web publishing, including creating, editing and maintaining content for online and social media platforms. Students analyze the content of websites and then produce their own content in a variety of forms. Covers content creation and maintenance techniques, as well as customer and client relationship skills, with an emphasis on effective writing. Includes practical experience creating, editing and maintaining content for online and social media platforms.

- **ADPR-430 Social Media Campaigns**

Prerequisites:

ADPR-389

Credits:

4.00

Description:

Covers the development of a social media campaign for a target audience using a variety of platforms. Students will use social media and design tools to create a campaign for a client, moving it from concept through execution.

- **ADPR-431 Multi-Platform Marketing Communication**

Prerequisites:

ADPR-257

Credits:

4.00

Description:

Focuses on creating an integrated multi-platform brand campaign that spans various media, including television, social media, search and print. Students will analyze the success and failure of brands' campaigns and will also develop a multi-platform campaign for an existing brand.

- **ADPR-435 Advocacy and Public Policy**

Credits:

4.00

Description:

Examines persuasion strategies and tactics for advancing public policy proposals and concerns. Students will learn how to apply the principles of Public Relations, Advertising, Negotiations and Persuasion to influence the public and government decision-makers.

- **ADPR-437 Ad Campaigns**

Prerequisites:

CJN 359, CJN 257

Credits:

4.00

Description:

Principles of advertising campaigns. Students design, plan, and produce a national advertising campaign for a client as members of a simulated agency team.

Term:

Offered Spring Term

- **ADPR-441 Risk and Crisis Communication**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Provides students with insight into effective risk and crisis management within organizations, including health organizations. Focuses on the application of theories, strategies, and tactics from a public relations perspective. Students understand how communication can prevent, cause, accelerate, and assist in recovery from a crisis.

Term:

Occasional

- **ADPR-444 Advanced Health Communication**

Prerequisites:

CJN-340

Credits:

4.00

Description:

Explores theory and research in the development of persuasive health campaigns in many contexts including social marketing. Examines aspects of health campaigns including formative research, audience segmentation, key message tailoring, and communication tools.

Term:

Occasional

- **ADPR-457 Integrated Marketing Communication**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines the integration of advertising, promotion, public relations and marketing communication in the strategic communication process. By learning the fundamentals of interpersonal and persuasive communication, students have an opportunity to develop an effective communication plan for a brand that includes creative copy.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-458 Advanced Sports Public Relations**

Prerequisites:

CJN-258

Credits:

4.00

Description:

Focuses on the theory and practice of effective sports public relations management including the development of sport, team, and league public relations campaigns. Also focuses on sports public relations in the context of stakeholder relations in sports.

Term:

Occasional

- **ADPR-479 Environmental Public Relations**

Credits:

4.00

Description:

Examines public issues involving the environment. Focuses on public relations strategies for government agencies, corporations, and other organizations concerned with the environment.

Term:

Occasional

- **ADPR-488 Grant Writing**

Credits:

4.00

Description:

Hands-on course that explores the process of writing and submitting grants to foundations, associations, the government, and other grantors on behalf of nonprofit organizations. Students learn how to identify grant resources through research, compile an effective submission, and write supporting material such as cover letters and appendices. Also covers how grants are reviewed and tips for successful grant submissions.

Term:

Occasional

- **ADPR-489 Political Communication**

Credits:

4.00

Description:

Examination of special circumstances created by politics and their impact on attempts at persuasion. Case studies of famous politicians' political campaigns are combined with discussions of current trends in media and politics.

Term:

Occasional

- **ADPR-491 Special Topics in Advertising, Public Relations, and Social Media**

Credits:

4.00

Description:

Explores current issues in the field.

Term:

Offered Both Fall and Spring

- **ADPR-492 Special Topics in Public Relations**

Credits:

4.00

Description:

Explores current issues in public relations.

Term:

Occasional

- **ADPR-494 Special Topics in Advertising**

Credits:

4.00

Description:

Current issues in the field of advertising. Normally offered every semester.

Term:

Occasional

- **ADPR-503 Experiential Learning in Communication**

Prerequisites:

16 Hrs of CJA coursework or CJA advisor consent

Credits:

1.00-12.00

Description:

Internships and practicum in Advertising, Public Relations & Social Media are available prior to the start of each semester.

Term:

Offered Both Fall and Spring

- **ADPR-506 Honors Seminar**

Prerequisites:

Senior CJA majors with an overall cumulative grade point average of 3.0, and a major GPA of 3.4

Credits:

4.00

Description:

Senior CJN majors meeting requirements for Departmental Honors are invited to participate in this seminar, which entails research and presentation of an approved topic.

Term:

Offered Spring Term

- **ADPR-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00-12.00

Description:

An independent study experience in Advertising, Public Relations & Social Media is available prior to the start of each semester.

Term:

Offered Both Fall and Spring

- **ADPR-2277 Public Relations I: Principles**

Credits:

4.00

Description:

Effective public relations involve an understanding of the history, theory, and practice of public relations including public relations concepts, the role of the practitioner, and the foundations of public relations. This course seeks to provide that foundation as an introduction to the field of public relations. Issues surrounding the history, legality, process, and principles of public relations are explored.

Term:

Offered Both Fall and Spring

- **ADPR-3376 Public Relations II: Research**

Prerequisites:

CJN-2277 (Formerly CJN-277)

Credits:

4.00

Description:

Examines how research aids the public relations practice. Students learn research methods that address public relations planning and problem-solving. Assignments provide students with hands-on practice using research for a PR project.

Term:

Offered Both Fall and Spring

- **ADPR-3377 Public Relations III: Strategic Writing**

Prerequisites:

CJN-2277(formerly CJN-277);

Credits:

4.00

Description:

Focuses on writing principles for public relations including the formulation of clear PR objectives, determining the knowledge of the target audience, and the development of key messages. Students apply these principles to common PR formats, including news releases, pitch letters, biographies, speeches, emails, digital content, and social media posts.

Term:

Offered Both Fall and Spring

- **ADPR-4477 Public Relations IV: Campaigns**

Prerequisites:

ADPR-2277(formerly CJN-2277) and ADPR-3377(formerly CJN-3377) and Senior Standing.

Credits:

4.00

Description:

Examines typical public relations problems experienced by profit and not-for-profit organizations. Provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign plan for a community client.

Term:

Offered Both Fall and Spring



2017-2018 Archived Catalog Information

Radiation Science & Therapy

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Radiation Science Major Requirements](#)
- [Radiation Therapy Major Requirements](#)
- [Minor Requirements](#)
- [Radiation Science & Therapy Courses](#)

Radiation Science Major Requirements: 20 courses and corresponding laboratories, 77 credits

Clinical training is not included as part of the Radiation Science degree.

Core Requirements (13 courses and corresponding laboratories where applicable, 49 credits)

- SCI-108 Introduction to Cancer Care

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be

accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-203 Anatomy and Physiology I**

Prerequisites:

BIO L203 MUST BE TAKEN CONCURRENTLY BIO 111, BIO L111.

Credits:

3.00

Description:

First part of a systematic survey of the structural and functional interrelations of the organ systems of the human body. This course emphasizes histology and physiology in the understanding of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

BIO 111/L111; Must take BIO-203 concurrently

Credits:

1.00

Description:

A study of the human skeletal system and a comparative look at other organ systems involving observation of anatomical models and dissection of mammalian specimens. Also includes microscopy and computer simulations of physiological processes.

Term:

Offered Fall Term

- **BIO-204 Anatomy and Physiology II**

Prerequisites:

BIO 203, BIO L203; BIO L204 must be taken concurrently;

Credits:

3.00

Description:

Conclusion of a systematic survey of the structural and functional interrelations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, digestive, urinary, and reproductive systems as well as the physiology of immune responses, nutrition, and acid-base balance. Medical terminology will be used.

Term:

Offered Spring Term

- **BIO-L204 Anatomy & Physiology Lab II**

Prerequisites:

BIO 203/L203 and BIO 204 must be taken concurrently;

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues and physiological experiments.

Term:

Offered Spring Term

• BIO-302 Writing for Research

Prerequisites:

BIO 111/L111 and WRI 101, WRI 102, or WRI-103. BIO and Radiation Therapy majors with junior standing only.

Credits:

4.00

Description:

Development of skills for writing clearly, concisely, and creatively in the style of scientific journals. This course emphasizes the formulation of a research project of the student's choice and leads to a formal manuscript on the topic. Instruction includes literature search methods and software for the graphical presentation of data. Professional development, including the preparation of job application materials and in-person interview skills, is also an integral part of this course. Required of all biology and radiation science majors. Junior standing required.

Term:

Offered Both Fall and Spring

• CAS-201 College to Career: Explore Your Options And Find Your Path

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

• CHEM-111 General Chemistry I

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• CHEM-L111 General Chemistry Laboratory I

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• CHEM-112 General Chemistry II

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently. MATH 104 placement or higher.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Both Fall and Spring

• CHEM-L112 General Chemistry Laboratory II

Prerequisites:

MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 MATHT-MPEL3 MATH-104 MATH-130 MATH-134 MATH-164 or MATH-165. CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Laboratory. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as the application of Beer's Law and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

- **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112 and CHEM-L112. CHEM-L211 must be taken concurrently.

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry.

Term:

Offered Both Fall and Spring

- **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

CHEM-112 and CHEM-L112. Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Both Fall and Spring

- **CHEM-212 Organic Chemistry II**

Prerequisites:

CHEM 211 and CHEM L211. Must take CHEM-L212 concurrently.

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I. Includes detailed mechanistic discussions of substitution, elimination, and addition reactions. Emphasizes organic synthesis, structure determination, and spectroscopy.

Term:

Offered Both Fall and Spring

- **CHEM-L212 Organic Chemistry Laboratory II**

Prerequisites:

CHEM-211 and CHEM-L211. Must be take CHEM-212 concurrently.

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Emphasizes the characterization of organic molecules via nuclear magnetic resonance spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Both Fall and Spring

- **RAD-315 Radiation Physics I**

Prerequisites:

RAD L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

- **RAD-L315 Radiation Physics I Lab**

Prerequisites:

RAD/PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

1.00

Description:

Explores topics including quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

- **RAD-317 Radiation Physics II**

Prerequisites:

RAD 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

Expands on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. Students will also learn the principles, theories, and uses of brachytherapy.

Term:

Offered Spring Term

- **RAD-416 Radiation Biology**

Prerequisites:

RAD/PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students only (including Radiation Science minors)

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

Physics Requirement (2 courses and corresponding laboratories, 8 credits)

Choose one of the following sequences:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or MATH-165 or permission of Physics department chair; PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **PHYS-112 College Physics II**

Prerequisites:

PHYS-111 and PHYS-L11. Must be taken concurrently with PHYS-L112.

Credits:

3.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics.

Term:

Offered Spring Term

- **PHYS-L112 College Physics Lab II**

Prerequisites:

PHYS 111 and PHYS L111; PHYS 112 must be taken concurrently

Credits:

1.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Spring Term

or

• **PHYS-151 University Physics I**

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

Mathematics Requirement (1 course, 4 credits)

Choose one of the following:

- **MATH-134 Calculus for Management & Social Sciences**

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

• MATH-165 Calculus I

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

Note:

If planning to apply to the [Medical Dosimetry Certificate](#) program during senior year or after graduation, students must take both MATH-165 and MATH-166.

Biostatistics Requirement (1 course, 4 credits)

Choose one of the following:

• BIO-273 Biostatistics

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the statistical methods used to evaluate biological problems. Sampling, probability, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered. Software for data handling, graphics, and analysis will be used.

Term:

Offered Fall Term

Type:

Quantitative Analysis

• **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

- **PSYCH-215 Behavioral Statistics**

Prerequisites:

PSYCH 114; Restricted to majors only unless with permission of instructor.

Credits:

4.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Quantitative Analysis

Electives (3 courses and corresponding laboratories where applicable, 12 credits)

Choose three of the following:

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Rigorous introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-233 Human Nutrition**

Prerequisites:

BIO 111/L111 and BIO 114/L114;

Credits:

4.00

Description:

This interactive introduction to nutrition explores the science of human nutrition and further reviews concepts of how nutrition can promote health and well being. The course will review specific nutrient needs and functions, nutrient digestion, and the role of diet in well being and in the presence of chronic disease. Weekly course work encourages scientific literacy and fosters critical evaluation of nutrition in the news and in social media.

- **BIO-262 Principles of Cell Culture**

Prerequisites:

BIO 111, L111 and BIO 114, L114 and CHEM 111, L111

Credits:

4.00

Description:

The course is designed as an application base educational experience that will allow students to learn the standard techniques associated with successful cell culture. As such, students are responsible for the maintenance, propagation, isolation, and preservation of their cells. A number of cell types and experimental manipulations of the cultures are investigated throughout the semester.

Term:

Offered Spring Term

- **BIO-274 Genetics**

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO L274 concurrently;

Credits:

3.00

Description:

An examination of the basic principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, structure and function of chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, and population genetics.

Term:

Offered Fall Term

- **BIO-L274 Genetics Lab**

Prerequisites:

BIO-111, BIO-L111, BIO-114, and BIO-L114. Must be taken concurrently with BIO 274.

Credits:

1.00

Description:

Experiments designed to demonstrate principles presented in lecture, using a range of genetic model organisms that include *E. coli*, *B. subtilis*, *S. cerevisiae*, *D. melanogaster*, *S. fimicola*, and *C. elegans*.

Term:

Offered Fall Term

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Spring Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-304 Comparative Animal Physiology**

Prerequisites:

BIO-114 and BIO-L114. Must take BIO-L304 concurrently

Credits:

3.00

Description:

Mechanisms of physiological adaptations to environmental challenges are studied. Examples of gas exchange, osmoregulation, fluid transport, temperature regulation, nervous control, and movement are examined in various animal forms through class lecture and discussion, required readings, and external lectures. Spring semester.

Term:

Offered Spring Term

- **BIO-L304 Comp Animal Physiology Lab**

Prerequisites:

BIO-114 and BIO-L114. Must take BIO-304 concurrently.

Credits:

1.00

Description:

Selected physiological processes and mechanisms or adaptation in invertebrate and vertebrate animals are examined by observation and controlled experiments.

- **BIO-360 Cancer Biology**

Prerequisites:

BIO-111, BIO-L111, BIO-114, BIO-L114, BIO-274, and BIO-L274

Credits:

4.00

Description:

An examination of molecular and cellular mechanisms that lead to the development of cancer. Factors contributing to tumorigenesis, angiogenesis, and metastasis will be discussed; these factors, oncogenes, tumor suppressor genes, and signal transduction networks. In addition, an investigation of current strategies for cancer prevention and treatment will be considered.

- **BIO-377 Immunology**

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-L377 concurrently;

Credits:

3.00

Description:

The concept of immunity, response to infection, structure of the immune system, biochemistry of immunoglobins, antigen-antibody interactions, allergy, immunological injury, lymphocyte subpopulations and cellular immunity, tolerance suppression and enhancement. Taught alternate/even years.

Term:

Offered Spring Term

- **BIO-L377 Immunology Laboratory**

Prerequisites:

BIO-114 and BIO-L114 and CHEM-211 and CHEM-L211. Must take BIO-377 concurrently.

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immuno-chemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

- **BIO-385 Advanced Microbiology**

Prerequisites:

BIO-274 and BIO-L274 or BIO-285 and BIO-L285; BIO-L385 must be taken concurrently

Credits:

4.00

Description:

The molecular mechanisms of host-microbe interactions and the epidemiology and public health aspects of microorganisms are stressed. Also covered are current topics in microbiology including antimicrobial therapy and resistance, emerging pathogens and novel applications of microbiology. Experimental design and troubleshooting skills are developed, using contemporary microbiology and molecular biology laboratory techniques. Taught alternate/odd years.

Term:

Offered Fall Term

- **BIO-403 Cell Biology**

Prerequisites:

BIO 111/L111; CHEM-211/L211; BIO-L403 concurrently;

Credits:

3.00

Description:

The study of cells, approached through examinations of biochemical mechanisms, the relation between the structure and function of biological molecules and organelles, and the regulation of normal and diseased cells.

Term:

Offered Fall Term

- **BIO-L403 Cell Biology Lab**

Prerequisites:

BIO-111 and BIO-L11 and CHEM-211 and CHEM-L211. Must take BIO-403 concurrently.

Credits:

1.00

Description:

Examination of biological molecules and their role in cell function. Techniques used in these examinations will include enzymatic analyses, gel electrophoresis, immunologic identification, chromatography, and spectroscopy. Students are expected to develop their proficiency in the laboratory techniques used, to analyze their results in a quantitative manner, and to present their findings.

Term:

Offered Fall Term

- **BIO-474 Molecular Genetics**

Prerequisites:

CHEM-311 or BIO-274 and BIO-L274 and BIO-L474 concurrently

Credits:

3.00

Description:

An examination of concepts and techniques of modern molecular biology. Topics include the structure and function of DNA, RNA, and proteins, the regulation of gene expression in prokaryotes and eukaryotes at transcriptional and post-transcriptional levels, genetic modification of organisms, and genome analysis. This course will incorporate readings and discussions of primary scientific literature. Spring semester.

Term:

Occasional

- **BIO-L474 Molecular Genetics Lab**

Prerequisites:

Take CHEM-331 or BIO-274 and BIO-L274. BIO-474 must be taken concurrently.

Credits:

1.00

Description:

This upper level laboratory course will consist of a semester-long project in the form of a series of consecutive experiments involving the generation of a genetically modified organism and its subsequent molecular analysis. Techniques employed will include genetic screens, DNA isolation, restriction endonuclease analysis, transformation of bacteria, gel electrophoresis, gene reported assays, RNA isolation, reverse transcription, and quantitative PCR.

Term:

Occasional

- **BIO-475 Developmental Biology**

Prerequisites:

BIO-114, L114 and CHEM-211, L211

Credits:

3.00

Description:

This course focuses on embryonic development in vertebrates. The conceptual focus on evolutionary developmental biology includes comparative developmental mechanisms and Epigenetic processes.

Term:

Offered Fall Term

- **BIO-503 Biology Internship**

Prerequisites:

BIO111/BIOL111, BIO114/BIOL114. BIO274/BIOL274 may be taken as a corequisite

Credits:

4.00

Description:

Biology Internship: This course provides students with credit for an unpaid internship completed during the semester when credit is earned. Students must secure an approved internship and provide documentation from the internship's overseer to a full time faculty member sponsor in order to register for the course. The internship must involve participation in research and / or patient care. Students or their overseers will be required to submit monthly records of internship hours and provide the faculty sponsor with a written summary of internship experiences and accomplishments by the last week of classes. Only one internship may be used as a biology elective. This course is available for variable credit. Prerequisites: An Internship for Credit form must be submitted to the department chair Credits: 1-4

• CHEM-314 Instrumental Analysis

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Explores the basic techniques of collecting and analyzing data from different types of instrumentation, including: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Students will apply these techniques to problems in chemistry, forensics, and environmental science.

Term:

Offered Fall Term

• CHEM-L314 Instrumental Analysis Laboratory

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style.

Term:

Offered Fall Term

• CHEM-331 Biochemistry I

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and bioinformatics techniques.

Term:

Offered Fall Term

• CHEM-L331 Biochemical Techniques Lab

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM 331 must be taken concurrently

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays.

Term:

Offered Fall Term

- **CHEM-332 Biochemistry II**

Prerequisites:

CHEM 331 and CHEM-L332 concurrently

Credits:

3.00

Description:

Explores the principles of bioenergetics and metabolism of biomolecules. Includes intermediary metabolism of carbohydrates, lipids, amino acids, and oxidative phosphorylation. Additional topics include signal transduction and the regulation and integration of metabolism.

Term:

Offered Spring Term

- **CHEM-L332 Advanced Biochemical Techniques and Research Lab**

Prerequisites:

CHEM 331/L331. CHEM 332 must be taken concurrently.

Credits:

1.00

Description:

Advanced biochemistry laboratory course where students learn experimental design and critical analysis of the scientific literature while conducting novel research. Projects vary from year to year, but may include recombinant DNA techniques, purification and quantitation of DNA and proteins, protein detection, enzyme kinetics, and bioinformatics. Research is presented as a poster at the annual STEM banquet.

Term:

Offered Spring Term

- **CHEM-390 Advanced Organic Chemistry**

Prerequisites:

Prerequisite: CHEM 212.

Credits:

3.00

Description:

Expands on topics introduced in Organic Chemistry I and II; depending on student interest, may include in-depth discussions of carbonyl chemistry, industrial organic chemistry, organometallic chemistry and biomolecules.

Term:

Alternates Fall & Spring

- **HLTH-301 Introduction to the U.S. Healthcare Systems**

Prerequisites:

Junior standing

Credits:

3.00

Description:

This course presents an overview of the origins, components, organization, and operation of the health system in the United States. It is an introduction to the major health issues and institutions, including the settings in which health services are delivered, providers of these services, and the public and private payers for services.

- **HLTH-325 Legal Environment of Healthcare**

Credits:

3.00

Description:

Students investigate the structural and functional aspects of the legal, institutional, and political factors that condition the character of the US healthcare industry, the role of the healthcare manager, the legislative process, administrative policy-making, and national trends related to political parties and interest groups. Topics in healthcare law include medical malpractice, informed consent, confidentiality of patient information, healthcare liability, and administrative law.

• PHYS-215 Nanomaterials and the Energy Problem

Prerequisites:

CHEM 111-112 or PHYS 111-112 Or Permission of Instructor

Credits:

4.00

Description:

This course is designed as an introduction to nanotechnology and some of its important uses. It is aimed at science majors who have taken basic courses in physics or chemistry. The course will cover the properties and uses of carbon-nanotubes, nanocomposites, and other nanomaterials that are being fabricated in labs and industries around the world. It will serve as an introduction to the important role of nanomaterials in solving modern-day energy problems.

Term:

Occasional

• MATH-130 Topics in Finite Mathematics

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-166 Calculus II**

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-255 Probability and Statistics**

Prerequisites:

MATH-165 or MATH-164 with a grade of C or better

Credits:

4.00

Description:

Topics include: random variable and distribution; expectation and variance; special discrete/continuous distributions (uniform, binomial, negative binomial, geometric, hypergeometric, Poisson, normal, and exponential distributions); joint distribution, marginal distribution and conditional

distribution; covariance; limit theorems (law of large numbers and central limit theorem); introduction to confidence interval and hypothesis testing; regression analysis. Offered as needed.

- **MATH-265 Calculus III**

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-285 Discrete Mathematics**

Prerequisites:

MATH-164 or MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics mostly selected from the following list: Logic and set theory, elementary number theory, relations and functions and their properties (equivalence relations, partial order relations, recurrence relations and their solutions); computational complexity of algorithms (big O notation); graphs and their properties (isomorphisms of graphs, Euler and Hamilton paths, shortest path problem, graph coloring) trees (tree traversal, minimum spanning trees); finite state machines; methods of proof (proof by induction, proof by contradiction). Prerequisite: MATH 220 or permission of instructor. 1 term - 4 credits (4 lecture hours per week). Normally offered at least once each year.

- **MATH-331 Introduction to Abstract Math**

Prerequisites:

MATH-166 minimum grade of C

Credits:

4.00

Description:

this course is intended to provide a firm foundation for and a taste of the study of advanced mathematics. While the course content varies somewhat, it is designed to give students a deeper understanding of the algebraic and analytical structure of the integers, the rational numbers and the real numbers and how they act as a building block to a variety of fields of mathematics. Students are introduced to the process of mathematical discovery and the language of mathematics. Exercises and projects are designed to illustrate the need for proof and to further refine the student's ability to analyze, conjecture and write mathematical proofs. This course is a prerequisite for most upper level mathematics courses and, after completing it a student will be in a position to determine realistically if he or she ought to major or minor in mathematics.

- **PHIL-363 Bio and Medical Ethics**

Prerequisites:

Prerequisite: Phil 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral problems facing health-care practitioners, their patients, and others involved with the practice of medicine in today's society. Issues include euthanasia, the ethics of medical experimentation, the use of reproductive technologies, genetic counseling and genetic engineering, truth-telling and confidentiality in doctor-patient relationships, the cost and availability of medical care. Normally offered every third year.

Term:

Occasional

- **PSYCH-114 General Psychology**

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

• **PSYCH-233 Child Development**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Examines physical, cognitive, emotional, and social development in youth (i.e., from conception through adolescence). Surveys major developmental approaches including biological, learning, and contextual/environmental theories. Major focus is on normal development. Normally offered every semester.

Term:

Offered Both Fall and Spring

• **PSYCH-236 Psychology of the Family**

Credits:

4.00

Description:

Focuses on the various forms and structures of families and family life over time and across cultures, with emphasis on the psychological impact of such forms. The complex relationship among individual psychology, family relationships, and the larger social context is addressed. Topics include marriage, parenting, and divorce. Normally offered every semester.

Term:

Offered Both Fall and Spring

• **PSYCH-321 Introduction to Counseling Skills**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Explores and examines basic models of helping and provides supervised practice of helping skills. Format includes lecture, discussion, role play, and video feedback. Normally offered yearly.

Term:

Offered Fall Term

• **PSYCH-326 Abnormal Psychology**

Prerequisites:

PSYCH 114, and Sophomore standing or permission of the instructor

Credits:

4.00

Description:

Introduces the concepts of psychological disorder and focuses on description and etiology of various mental health problems from a variety of different theoretical perspectives. Students develop familiarity with the DSM classification system and major disorders described within it, including mood and anxiety disorders, thought disorders, and personality disorders. Normally offered each semester.

Term:

Offered Both Fall and Spring

• PSYCH-333 Adult Development & Aging

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Surveys theory and research about the physical, mental, and psychological aspects of life-span development. Age-related changes in mental health, personality, self-image, sexual relations, friendships, career development and spirituality are explored. Aging may also be explored as a global, demographic and cross-cultural issue. Research surrounding death and dying, bereavement, and hospice/nursing home care is also presented. Normally offered alternate years.

Term:

Offered Both Fall and Spring

• PSYCH-336 Developmental Psychopathology

Prerequisites:

PSYCH 114 and sophomore standing

Credits:

4.00

Description:

Examines the etiology and symptoms of disorders of childhood and adolescence, as well as current therapeutic approaches. Developmental changes in the incidence of externalizing disorders, such as conduct disorder and attention deficit disorder, and internalizing disorders, such as depression and eating disorders, are addressed. Disorders that affect both behavioral and mental functioning such as Fetal Alcohol Syndrome and autism may also be included. The role of development in the understanding and treatment of the childhood disorders is reviewed. Normally offered yearly.

Term:

Offered Fall Term

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-220 Childhood and Adolescence in Contemporary Society**

Credits:

4.00

Description:

This course examines the development of children and adolescents from biological, psychological, and sociological perspectives. Major themes and changes associated with each developmental stage are discussed. The course explores practical implications of theory and research (parenting,

juvenile justice, etc.), and current topics in child and adolescent development. Class format includes lectures discussion, debates and direct observation of children.

Term:

Occasional

- **SOC-242 Law, Health & Human Rights**

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

Term:

Occasional

- **SOC-253 Sociology of Health and Illness**

Credits:

4.00

Description:

This course provides students with an introduction to how social norms, structures, and practices shape experiences of illness and health. Among the topics that will be covered are: health and the environment, the reasons some groups of people are less healthy than others, living with chronic illness and disabilities, and public debates surrounding issues such as performance enhancing drugs and sports, Attention Deficit Disorder and the HPV vaccine. Required for all students in the health, Medicine and the Body Concentration.

Term:

Occasional

- **SOC-254 SL-U.S. Health Care Landscapes**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. In this course, students will learn about how the U.S. health care system works. We will study the politics and economics of the health care system and discuss the key health care policy issues of this decade. Using the theoretical perspectives provided by sociology, we will look at issues of power, hierarchy, race, and gender vis-a-vis the health care system. Reading for this course centers on first person narratives by people working in the health care system. This course fulfills the ECR requirement.

Term:

Occasional

Type:

Service Learning

- **SOC-256 Sociology of Aging**

Credits:

4.00

Description:

Consideration of the physiological, psychological and social factors associated with the aging process. Contemporary American values toward the elderly are compared and contrasted with historical and cross-cultural studies. Current opportunities and techniques enabling the elderly to enrich and expand their societal roles are explored.

Term:

Occasional

- **SOC-354 Death and Dying**

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- **SOC-355 Women and Health**

Credits:

4.00

Description:

An exploration of topics that relate particularly to women as providers and consumers in the health care system. The course will consider historical and current information on issues of reproduction, technology, health and illness.

Term:

Occasional

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

Please check with the program director for potential Radiation Science elective approval of other biology, chemistry, physics, math, psychology, or sociology courses.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Radiation Science & Therapy

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Radiation Science Major Requirements](#)
- [Radiation Therapy Major Requirements](#)
- [Minor Requirements](#)
- [Radiation Science & Therapy Courses](#)

Radiation Therapy Major Requirements: 22 courses and corresponding laboratories, 78 credits

Students must apply to this selective program in their sophomore year.

Core Requirements (17 courses and corresponding laboratories where applicable, 62 credits)

- SCI-108 Introduction to Cancer Care

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-203 Anatomy and Physiology I**

Prerequisites:

BIO L203 MUST BE TAKEN CONCURRENTLY BIO 111, BIO L111.

Credits:

3.00

Description:

First part of a systematic survey of the structural and functional interrelations of the organ systems of the human body. This course emphasizes histology and physiology in the understanding of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

BIO 111/L111; Must take BIO-203 concurrently

Credits:

1.00

Description:

A study of the human skeletal system and a comparative look at other organ systems involving observation of anatomical models and dissection of mammalian specimens. Also includes microscopy and computer simulations of physiological processes.

Term:

Offered Fall Term

- **BIO-204 Anatomy and Physiology II**

Prerequisites:

BIO 203, BIO L203; BIO L204 must be taken concurrently;

Credits:

3.00

Description:

Conclusion of a systematic survey of the structural and functional interrelations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, digestive, urinary, and reproductive systems as well as the physiology of immune responses, nutrition, and acid-base balance. Medical terminology will be used.

Term:

Offered Spring Term

- **BIO-L204 Anatomy & Physiology Lab II**

Prerequisites:

BIO 203/L203 and BIO 204 must be taken concurrently;

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues and physiological experiments.

Term:

Offered Spring Term

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **CHEM-L111 General Chemistry Laboratory I**

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

• CHEM-112 General Chemistry II**Prerequisites:**

CHEM 111/L111; CHEM-L112 must be taken concurrently. MATH 104 placement or higher.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Both Fall and Spring

- **CHEM-L112 General Chemistry Laboratory II**

Prerequisites:

MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 MATHT-MPEL3 MATH-104 MATH-130 MATH-134 MATH-164 or MATH-165. CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Laboratory. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as the application of Beer's Law and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

- **RAD-301 Clinical Radiation I**

Prerequisites:

RAD/PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Studying through a systems-based approach, this course reviews anatomy and physiology while teaching medical terminology. Topics will include discussing the major cancers associated with each anatomical system and introducing the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

- **RAD-L301 Radiation Therapy Rotation I**

Prerequisites:

Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Offered Spring Term

- **RAD-302 Clinical Radiation II**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

A continuation of RAD 301. Through the same didactic approach, students will learn all of the anatomical systems and their related medical terminology not taught in RAD 301.

Term:

Offered Fall Term

• RAD-L302 Radiation Therapy Rotation II

Prerequisites:

Radiation Therapy (Major or Certificate) Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Offered Fall Term

• RAD-L303 Radiation Therapy Rotation III

Prerequisites:

RAD/PHYS L302; Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

- **RAD-L304 Radiation Therapy Practicum**

Prerequisites:

RAD/PHYS-301 and RAD/PHYS-L301

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Summer

- **RAD-315 Radiation Physics I**

Prerequisites:

RAD L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

- **RAD-L315 Radiation Physics I Lab**

Prerequisites:

RAD/PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

1.00

Description:

Explores topics including quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

- **RAD-317 Radiation Physics II**

Prerequisites:

RAD 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

Expands on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. Students will also learn the principles, theories, and uses of brachytherapy.

Term:

Offered Spring Term

- **RAD-415 Dosimetry I**

Prerequisites:

RAD/PHYS 315; RAD L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Discusses the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. Students will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

- **RAD-L415 Dosimetry I Lab**

Prerequisites:

RAD 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

Provides the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

- **RAD-416 Radiation Biology**

Prerequisites:

RAD/PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students only (including Radiation Science minors)

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

- **RAD-420 Radiation Oncology & Pathology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

Students will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

- **RAD-422 Radiology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin Beginning with an introduction to radiology, students reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

- **RAD-475 Senior Seminar for Radiation Therapy**

Prerequisites:

Senior status, Radiation Therapy Students Only

Credits:

4.00

Description:

Available to senior students enrolled in the Radiation Therapy program. A seminar style course that serves many purposes; one of which will be preparing our graduating students for board certification (ARRT). Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

Physics Requirement (2 courses and corresponding laboratories, 8 credits)

Choose one of the following sequences:

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 or MATH-165 or permission of Physics department chair; PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-L111 College Physics Lab I**

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

• **PHYS-112 College Physics II**

Prerequisites:

PHYS-111 and PHYS-L11. Must be taken concurrently with PHYS-L112.

Credits:

3.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics.

Term:

Offered Spring Term

• **PHYS-L112 College Physics Lab II**

Prerequisites:

PHYS 111 and PHYS L111; PHYS 112 must be taken concurrently

Credits:

1.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Spring Term

or

- **PHYS-151 University Physics I**

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

• PHYS-152 University Physics II**Prerequisites:**

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-L152 University Physics Lab II**

Prerequisites:

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

Mathematics Requirement (1 course, 4 credits)

Choose one of the following:

- **MATH-134 Calculus for Management & Social Sciences**

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives,

differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

Note:

If planning to apply to the [Medical Dosimetry Certificate](#) program during senior year or after graduation, students must take both MATH-165 and MATH-166.

Biostatistics Requirement (1 course, 4 credits)

Choose one of the following:

- **BIO-273 Biostatistics**

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the statistical methods used to evaluate biological problems. Sampling, probability, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered. Software for data handling, graphics, and analysis will be used.

Term:

Offered Fall Term

Type:

Quantitative Analysis

• STATS-250 Applied Statistics

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

• PSYCH-215 Behavioral Statistics

Prerequisites:

PSYCH 114; Restricted to majors only unless with permission of instructor.

Credits:

4.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Quantitative Analysis

Required Clinical Hours:

14 hours per week; Semester 2, Junior Year

40 hours per week; 12 week Summer Session

24 hours per week; Senior Year

Note:

The department reserves the right to require the withdrawal of a student from the Radiation Therapy major if, in its estimation, the probability of the student's success is doubtful. Factors such as academic performance, interest, effort, professionalism, compliance, attendance, and suitability for the field will be considered. Issues or concerns correlated with any one of these factors could result in withdrawal of the student from the program. Students who defer entry into the program, for any reason, will forfeit their space in the program and will be required to reapply for the following year. A student may be dismissed from the Radiation Therapy major if they fail to maintain the minimum GPA of 3.0 or if they achieve a final grade lower than "B" in any of the Radiation Therapy major courses listed above.

If admitted into the Radiation Therapy major, part-time and full-time students must complete clinical requirements within three years of being admitted. Radiation Therapy graduates may seek employment immediately following graduation and will also be eligible to apply for the American Registry of Radiologic Technologists (ARRT) Radiation Therapy Certification Exam.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Radiation Science & Therapy

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Radiation Science Major Requirements](#)
- [Radiation Therapy Major Requirements](#)
- [Minor Requirements](#)
- [Radiation Science & Therapy Courses](#)

Radiation Science Minor Requirements: 6 courses and corresponding laboratories, 24 credits

Core Requirements (5 courses and corresponding laboratories where applicable, 20 credits)

- SCI-108 Introduction to Cancer Care

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **BIO-111 Introduction to the Cell**

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-203 Anatomy and Physiology I**

Prerequisites:

BIO L203 MUST BE TAKEN CONCURRENTLY BIO 111, BIO L111.

Credits:

3.00

Description:

First part of a systematic survey of the structural and functional interrelations of the organ systems of the human body. This course emphasizes histology and physiology in the understanding of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

BIO 111/L111; Must take BIO-203 concurrently

Credits:

1.00

Description:

A study of the human skeletal system and a comparative look at other organ systems involving observation of anatomical models and dissection of mammalian specimens. Also includes microscopy and computer simulations of physiological processes.

Term:

Offered Fall Term

- **BIO-204 Anatomy and Physiology II**

Prerequisites:

BIO 203, BIO L203; BIO L204 must be taken concurrently;

Credits:

3.00

Description:

Conclusion of a systematic survey of the structural and functional interrelations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, digestive, urinary, and reproductive systems as well as the physiology of immune responses, nutrition, and acid-base balance. Medical terminology will be used.

Term:

Offered Spring Term

- **BIO-L204 Anatomy & Physiology Lab II**

Prerequisites:

BIO 203/L203 and BIO 204 must be taken concurrently;

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues and physiological experiments.

Term:

Offered Spring Term

- **RAD-416 Radiation Biology**

Prerequisites:

RAD/PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students only (including Radiation Science minors)

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

Radiation Science Elective (1 course and its corresponding laboratory where applicable, 4 credits)

Choose one of the following and corresponding laboratory where applicable:

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Rigorous introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-233 Human Nutrition**

Prerequisites:

BIO 111/L111 and BIO 114/L114;

Credits:

4.00

Description:

This interactive introduction to nutrition explores the science of human nutrition and further reviews concepts of how nutrition can promote health and well being. The course will review specific nutrient needs and functions, nutrient digestion, and the role of diet in well being and in the presence of chronic disease. Weekly course work encourages scientific literacy and fosters critical evaluation of nutrition in the news and in social media.

• BIO-262 Principles of Cell Culture

Prerequisites:

BIO 111, L111 and BIO 114, L114 and CHEM 111, L111

Credits:

4.00

Description:

The course is designed as an application base educational experience that will allow students to learn the standard techniques associated with successful cell culture. As such, students are responsible for the maintenance, propagation, isolation, and preservation of their cells. A number of cell types and experimental manipulations of the cultures are investigated throughout the semester.

Term:

Offered Spring Term

• BIO-274 Genetics

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO L274 concurrently;

Credits:

3.00

Description:

An examination of the basic principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, structure and function of chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, and population genetics.

Term:

Offered Fall Term

- **BIO-L274 Genetics Lab**

Prerequisites:

BIO-111, BIO-L111, BIO-114, and BIO-L114. Must be taken concurrently with BIO 274.

Credits:

1.00

Description:

Experiments designed to demonstrate principles presented in lecture, using a range of genetic model organisms that include *E. coli*, *B. subtilis*, *S. cerevisiae*, *D. melanogaster*, *S. fimicola*, and *C. elegans*.

Term:

Offered Fall Term

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Spring Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-304 Comparative Animal Physiology**

Prerequisites:

BIO-114 and BIO-L114. Must take BIO-L304 concurrently

Credits:

3.00

Description:

Mechanisms of physiological adaptations to environmental challenges are studied. Examples of gas exchange, osmoregulation, fluid transport, temperature regulation, nervous control, and movement are examined in various animal forms through class lecture and discussion, required readings, and external lectures. Spring semester.

Term:

Offered Spring Term

- **BIO-L304 Comp Animal Physiology Lab**

Prerequisites:

BIO-114 and BIO-L114. Must take BIO-304 concurrently.

Credits:

1.00

Description:

Selected physiological processes and mechanisms or adaptation in invertebrate and vertebrate animals are examined by observation and controlled experiments.

- **BIO-377 Immunology**

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-L377 concurrently;

Credits:

3.00

Description:

The concept of immunity, response to infection, structure of the immune system, biochemistry of immunoglobins, antigen-antibody interactions, allergy, immunological injury, lymphocyte subpopulations and cellular immunity, tolerance suppression and enhancement. Taught alternate/even years.

Term:

Offered Spring Term

- **BIO-L377 Immunology Laboratory**

Prerequisites:

BIO-114 and BIO-L114 and CHEM-211 and CHEM-L211. Must take BIO-377 concurrently.

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immuno-chemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

• BIO-385 Advanced Microbiology

Prerequisites:

BIO-274 and BIO-L274 or BIO-285 and BIO-L285; BIO-L385 must be taken concurrently

Credits:

4.00

Description:

The molecular mechanisms of host-microbe interactions and the epidemiology and public health aspects of microorganisms are stressed. Also covered are current topics in microbiology including antimicrobial therapy and resistance, emerging pathogens and novel applications of microbiology. Experimental design and troubleshooting skills are developed, using contemporary microbiology and molecular biology laboratory techniques. Taught alternate/odd years.

Term:

Offered Fall Term

• BIO-403 Cell Biology

Prerequisites:

BIO 111/L111; CHEM-211/L211; BIO-L403 concurrently;

Credits:

3.00

Description:

The study of cells, approached through examinations of biochemical mechanisms, the relation between the structure and function of biological molecules and organelles, and the regulation of normal and diseased cells.

Term:

Offered Fall Term

- **BIO-L403 Cell Biology Lab**

Prerequisites:

BIO-111 and BIO-L11 and CHEM-211 and CHEM-L211. Must take BIO-403 concurrently.

Credits:

1.00

Description:

Examination of biological molecules and their role in cell function. Techniques used in these examinations will include enzymatic analyses, gel electrophoresis, immunologic identification, chromatography, and spectroscopy. Students are expected to develop their proficiency in the laboratory techniques used, to analyze their results in a quantitative manner, and to present their findings.

Term:

Offered Fall Term

- **BIO-474 Molecular Genetics**

Prerequisites:

CHEM-311 or BIO-274 and BIO-L274 and BIO-L474 concurrently

Credits:

3.00

Description:

An examination of concepts and techniques of modern molecular biology. Topics include the structure and function of DNA, RNA, and proteins, the regulation of gene expression in prokaryotes and eukaryotes at transcriptional and post-transcriptional levels, genetic modification of organisms, and genome analysis. This course will incorporate readings and discussions of primary scientific literature. Spring semester.

Term:

Occasional

- **BIO-L474 Molecular Genetics Lab**

Prerequisites:

Take CHEM-331 or BIO-274 and BIO-L274. BIO-474 must be taken concurrently.

Credits:

1.00

Description:

This upper level laboratory course will consist of a semester-long project in the form of a series of consecutive experiments involving the generation of a genetically modified organism and its subsequent molecular analysis. Techniques employed will include genetic screens, DNA isolation, restriction endonuclease analysis, transformation of bacteria, gel electrophoresis, gene reported assays, RNA isolation, reverse transcription, and quantitative PCR.

Term:

Occasional

- **BIO-475 Developmental Biology**

Prerequisites:

BIO-114, L114 and CHEM-211, L211

Credits:

3.00

Description:

This course focuses on embryonic development in vertebrates. The conceptual focus on evolutionary developmental biology includes comparative developmental mechanisms and Epigenetic processes.

Term:

Offered Fall Term

• BIO-503 Biology Internship

Prerequisites:

BIO111/BIOL111, BIO114/BIOL114. BIO274/BIOL274 may be taken as a corequisite

Credits:

4.00

Description:

Biology Internship: This course provides students with credit for an unpaid internship completed during the semester when credit is earned. Students must secure an approved internship and provide documentation from the internship's overseer to a full time faculty member sponsor in order to register for the course. The internship must involve participation in research and / or patient care. Students or their overseers will be required to submit monthly records of internship hours and provide the faculty sponsor with a written summary of internship experiences and accomplishments by the last week of classes. Only one internship may be used as a biology elective. This course is available for variable credit. Prerequisites: An Internship for Credit form must be submitted to the department chair Credits: 1-4

• CHEM-314 Instrumental Analysis

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Explores the basic techniques of collecting and analyzing data from different types of instrumentation, including: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Students will apply these techniques to problems in chemistry, forensics, and environmental science.

Term:

Offered Fall Term

- **CHEM-L314 Instrumental Analysis Laboratory**

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style.

Term:

Offered Fall Term

- **CHEM-331 Biochemistry I**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical

literature and bioinformatics techniques.

Term:

Offered Fall Term

- **CHEM-L331 Biochemical Techniques Lab**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM 331 must be taken concurrently

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays.

Term:

Offered Fall Term

- **CHEM-332 Biochemistry II**

Prerequisites:

CHEM 331 and CHEM-L332 concurrently

Credits:

3.00

Description:

Explores the principles of bioenergetics and metabolism of biomolecules. Includes intermediary metabolism of carbohydrates, lipids, amino acids, and oxidative phosphorylation. Additional topics include signal transduction and the regulation and integration of metabolism.

Term:

Offered Spring Term

- **CHEM-L332 Advanced Biochemical Techniques and Research Lab**

Prerequisites:

CHEM 331/L331. CHEM 332 must be taken concurrently.

Credits:

1.00

Description:

Advanced biochemistry laboratory course where students learn experimental design and critical analysis of the scientific literature while conducting novel research. Projects vary from year to year, but may include recombinant DNA techniques, purification and quantitation of DNA and proteins, protein detection, enzyme kinetics, and bioinformatics. Research is presented as a poster at the annual STEM banquet.

Term:

Offered Spring Term

- **CHEM-355 Environmental Chemistry**

Prerequisites:

CHEM 211, or permission of instructor

Credits:

3.00

Description:

A study of the chemical processes (including biologically mediated ones) that affect the cycling and ultimate fate of chemicals in the environment. Topics include air, water, and soil chemistry as well as energy and climate change. The effects of pollutant loads on natural systems and the remediation and treatment methods used to minimize pollutant loads are investigated. 3 hour lecture. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

- **CHEM-L355 Environmental Chemistry Lab**

Prerequisites:

CHEM 355 must be taken concurrently. Take CHEM-L211;

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 355. Prerequisites: CHEM L211, concurrent enrollment in CHEM 355 required. 4-hour laboratory. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

- **CHEM-390 Advanced Organic Chemistry**

Prerequisites:

Prerequisite: CHEM 212.

Credits:

3.00

Description:

Expands on topics introduced in Organic Chemistry I and II; depending on student interest, may include in-depth discussions of carbonyl chemistry, industrial organic chemistry, organometallic chemistry and biomolecules.

Term:

Alternates Fall & Spring

- **HLTH-301 Introduction to the U.S. Healthcare Systems**

Prerequisites:

Junior standing

Credits:

3.00

Description:

This course presents an overview of the origins, components, organization, and operation of the health system in the United States. It is an introduction to the major health issues and institutions, including the settings in which health services are delivered, providers of these services, and the public and private payers for services.

- **HLTH-325 Legal Environment of Healthcare**

Credits:

3.00

Description:

Students investigate the structural and functional aspects of the legal, institutional, and political factors that condition the character of the US healthcare industry, the role of the healthcare manager, the legislative process, administrative policy-making, and national trends related to political parties and interest groups. Topics in healthcare law include medical malpractice, informed consent, confidentiality of patient information, healthcare liability, and administrative law.

- **PHYS-215 Nanomaterials and the Energy Problem**

Prerequisites:

CHEM 111-112 or PHYS 111-112 Or Permission of Instructor

Credits:

4.00

Description:

This course is designed as an introduction to nanotechnology and some of its important uses. It is aimed at science majors who have taken basic courses in physics or chemistry. The course will cover the properties and uses of carbon-nanotubes, nanocomposites, and other nanomaterials that

are being fabricated in labs and industries around the world. It will serve as an introduction to the important role of nanomaterials in solving modern-day energy problems.

Term:

Occasional

- **MATH-130 Topics in Finite Mathematics**

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-166 Calculus II**

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation,

convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-255 Probability and Statistics**

Prerequisites:

MATH-165 or MATH-164 with a grade of C or better

Credits:

4.00

Description:

Topics include: random variable and distribution; expectation and variance; special discrete/continuous distributions (uniform, binomial, negative binomial, geometric, hypergeometric, Poisson, normal, and exponential distributions); joint distribution, marginal distribution and conditional distribution; covariance; limit theorems (law of large numbers and central limit theorem); introduction to confidence interval and hypothesis testing; regression analysis. Offered as needed.

- **MATH-265 Calculus III**

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-285 Discrete Mathematics**

Prerequisites:

MATH-164 or MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics mostly selected from the following list: Logic and set theory, elementary number theory, relations and functions and their properties (equivalence relations, partial order relations, recurrence relations and their solutions); computational complexity of algorithms (big O notation); graphs and their properties (isomorphisms of graphs, Euler and Hamilton paths, shortest path problem, graph coloring) trees (tree traversal, minimum spanning trees); finite state machines; methods of proof (proof by induction, proof by contradiction). Prerequisite: MATH 220 or permission of instructor. 1 term - 4 credits (4 lecture hours per week). Normally offered at least once each year.

- **MATH-331 Introduction to Abstract Math**

Prerequisites:

MATH-166 minimum grade of C

Credits:

4.00

Description:

this course is intended to provide a firm foundation for and a taste of the study of advanced mathematics. While the course content varies somewhat, it is designed to give students a deeper understanding of the algebraic and analytical structure of the integers, the rational numbers and the real numbers and how they act as a building block to a variety of fields of mathematics. Students are introduced to the process of mathematical discovery and the language of mathematics. Exercises and projects are designed to illustrate the need for proof and to further refine the student's ability to analyze, conjecture and write mathematical proofs. This course is a prerequisite for most upper level mathematics courses and, after completing it a student will be in a position to determine realistically if he or she ought to major or minor in mathematics.

- **PHIL-363 Bio and Medical Ethics**

Prerequisites:

Prerequisite: Phil 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral problems facing health-care practitioners, their patients, and others involved with the practice of medicine in today's society. Issues include euthanasia, the ethics of medical experimentation, the use of reproductive technologies, genetic counseling and genetic engineering, truth-telling and confidentiality in doctor-patient relationships, the cost and availability of medical care. Normally offered every third year.

Term:

Occasional

- **PSYCH-114 General Psychology**

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **PSYCH-233 Child Development**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Examines physical, cognitive, emotional, and social development in youth (i.e., from conception through adolescence). Surveys major developmental approaches including biological, learning, and contextual/environmental theories. Major focus is on normal development. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **PSYCH-236 Psychology of the Family**

Credits:

4.00

Description:

Focuses on the various forms and structures of families and family life over time and across cultures, with emphasis on the psychological impact of such forms. The complex relationship among individual psychology, family relationships, and the larger social context is addressed. Topics include marriage, parenting, and divorce. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **PSYCH-321 Introduction to Counseling Skills**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Explores and examines basic models of helping and provides supervised practice of helping skills. Format includes lecture, discussion, role play, and video feedback. Normally offered yearly.

Term:

Offered Fall Term

• PSYCH-326 Abnormal Psychology

Prerequisites:

PSYCH 114, and Sophomore standing or permission of the instructor

Credits:

4.00

Description:

Introduces the concepts of psychological disorder and focuses on description and etiology of various mental health problems from a variety of different theoretical perspectives. Students develop familiarity with the DSM classification system and major disorders described within it, including mood and anxiety disorders, thought disorders, and personality disorders. Normally offered each semester.

Term:

Offered Both Fall and Spring

• PSYCH-333 Adult Development & Aging

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Surveys theory and research about the physical, mental, and psychological aspects of life-span development. Age-related changes in mental health, personality, self-image, sexual relations, friendships, career development and spirituality are explored. Aging may also be explored as a global,

demographic and cross-cultural issue. Research surrounding death and dying, bereavement, and hospice/nursing home care is also presented. Normally offered alternate years.

Term:

Offered Both Fall and Spring

• PSYCH-336 Developmental Psychopathology

Prerequisites:

PSYCH 114 and sophomore standing

Credits:

4.00

Description:

Examines the etiology and symptoms of disorders of childhood and adolescence, as well as current therapeutic approaches. Developmental changes in the incidence of externalizing disorders, such as conduct disorder and attention deficit disorder, and internalizing disorders, such as depression and eating disorders, are addressed. Disorders that affect both behavioral and mental functioning such as Fetal Alcohol Syndrome and autism may also be included. The role of development in the understanding and treatment of the childhood disorders is reviewed. Normally offered yearly.

Term:

Offered Fall Term

• SOC-113 Introduction to Sociology

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-220 Childhood and Adolescence in Contemporary Society**

Credits:

4.00

Description:

This course examines the development of children and adolescents from biological, psychological, and sociological perspectives. Major themes and changes associated with each developmental stage are discussed. The course explores practical implications of theory and research (parenting, juvenile justice, etc.), and current topics in child and adolescent development. Class format includes lectures discussion, debates and direct observation of children.

Term:

Occasional

- **SOC-242 Law, Health & Human Rights**

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

Term:

Occasional

- **SOC-253 Sociology of Health and Illness**

Credits:

4.00

Description:

This course provides students with an introduction to how social norms, structures, and practices shape experiences of illness and health. Among the topics that will be covered are: health and the environment, the reasons some groups of people are less healthy than others, living with chronic illness and disabilities, and public debates surrounding issues such as performance enhancing drugs and sports, Attention Deficit Disorder and the HPV vaccine. Required for all students in the health, Medicine and the Body Concentration.

Term:

Occasional

- **SOC-254 SL-U.S. Health Care Landscapes**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. In this course, students will learn about how the U.S. health care system works. We will study the politics and economics of the health care system and discuss the key health care policy issues of this decade. Using the theoretical perspectives provided by sociology, we will look at issues of power, hierarchy, race, and gender vis-a-vis the health care system. Reading for this course centers on first person narratives by people working in the health care system. This course fulfills the ECR requirement.

Term:

Occasional

Type:

Service Learning

- **SOC-256 Sociology of Aging**

Credits:

4.00

Description:

Consideration of the physiological, psychological and social factors associated with the aging process. Contemporary American values toward the elderly are compared and contrasted with historical and cross-cultural studies. Current opportunities and techniques enabling the elderly to enrich and expand their societal roles are explored.

Term:

Occasional

- **SOC-354 Death and Dying**

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- **SOC-355 Women and Health**

Credits:

4.00

Description:

An exploration of topics that relate particularly to women as providers and consumers in the health care system. The course will consider historical and current information on issues of reproduction, technology, health and illness.

Term:

Occasional

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

Please check with the program director for potential Radiation Science elective approval of other biology, chemistry, physics, math, psychology, or sociology courses.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Radiation Science & Therapy

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Radiation Science Major Requirements](#)
- [Radiation Therapy Major Requirements](#)
- [Minor Requirements](#)
- [Radiation Science & Therapy Courses](#)

- RAD-206 Introduction to Radiation Oncology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

Offers an introduction to the role of the radiation therapist and medical dosimetrist in a Radiation Oncology department. Through a combination of detailed lectures, discussions, role-playing, case studies, and hands-on laboratory exercises, students will be introduced to the professional and clinical aspects of their respective professions. Additional topics included radiation safety, patients rights, infection control, communication for the clinic, patient assessment, and psychosocial aspects of cancer including death and dying.

Term:

Offered Fall Term

- **RAD-301 Clinical Radiation I**

Prerequisites:

RAD/PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Studying through a systems-based approach, this course reviews anatomy and physiology while teaching medical terminology. Topics will include discussing the major cancers associated with each anatomical system and introducing the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

- **RAD-L301 Radiation Therapy Rotation I**

Prerequisites:

Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Offered Spring Term

- **RAD-302 Clinical Radiation II**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

A continuation of RAD 301. Through the same didactic approach, students will learn all of the anatomical systems and their related medical terminology not taught in RAD 301.

Term:

Offered Fall Term

- **RAD-L302 Radiation Therapy Rotation II**

Prerequisites:

Radiation Therapy (Major or Certificate) Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Offered Fall Term

- **RAD-L303 Radiation Therapy Rotation III**

Prerequisites:

RAD/PHYS L302; Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Offered Spring Term

- **RAD-L304 Radiation Therapy Practicum**

Prerequisites:

RAD/PHYS-301 and RAD/PHYS-L301

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Summer

- **RAD-L311 Medical Dosimetry Rotation I**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Offered Spring Term

- **RAD-L312 Medical Dosimetry Rotation II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a certified medical dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Offered Fall Term

- **RAD-L313 Medical Dosimetry Rotation III**

Prerequisites:

RAD/PHYS L312, Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Offered Spring Term

- **RAD-L314 Medical Dosimetry Practicum**

Prerequisites:

RAD/PHYS-301 and RAD/PHYS-L311

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Summer

- **RAD-315 Radiation Physics I**

Prerequisites:

RAD L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

• RAD-L315 Radiation Physics I Lab

Prerequisites:

RAD/PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

1.00

Description:

Explores topics including quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

• RAD-317 Radiation Physics II

Prerequisites:

RAD 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

Expands on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. Students will also learn the principles, theories, and uses of brachytherapy.

Term:

Offered Spring Term

- **RAD-415 Dosimetry I**

Prerequisites:

RAD/PHYS 315; RAD L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Discusses the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. Students will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

- **RAD-L415 Dosimetry I Lab**

Prerequisites:

RAD 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

Provides the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

• **RAD-416 Radiation Biology**

Prerequisites:

RAD/PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students only (including Radiation Science minors)

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

• **RAD-417 Dosimetry II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

A continuation of Dosimetry I that focuses on advanced treatment planning techniques including intensity modulated radiation therapy (IMRT), arc therapy, stereotactic treatment planning, and proton therapy. The advantages of each technique/modality over conventional 3D-treatment planning will be discussed. This will also be contrasted against the specific challenges presented by each technique such as the need for better immobilization, need for 4D CT scanning and daily IGRT (kV matching and/or CBCT).

Term:

Offered Fall Term

• RAD-420 Radiation Oncology & Pathology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

Students will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

• RAD-422 Radiology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin Beginning with an introduction to radiology, students reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

• RAD-435 Brachytherapy

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

Topics will include, radioactive sources, calibration, instrumentation, factors affecting dose calculations, definitions of LDR, MDR and HDR, treatment planning and clinical dose calculation, implantation techniques, implant localization/verification, regulations, radiation safety, storage and QA. Detailed coverage of prostate brachytherapy including LDR and HDR will be emphasized.

Term:

Offered Spring Term

• RAD-450 Dosimetry Systems and Networking and Quality Assurance

Prerequisites:

Senior Status; Medical Dosimetry Students Only

Credits:

4.00

Description:

Includes a general overview of computer systems and networking in the field of radiation oncology. A historical view of computers will be covered as well as the intricate uses in the medical field today. Oncology information record and verification systems, as well as radiation therapy software used for imaging, contouring, treatment planning, and patient charting applications will be covered. Data and system security will also be addressed.

Term:

Offered Spring Term

- **RAD-475 Senior Seminar for Radiation Therapy**

Prerequisites:

Senior status, Radiation Therapy Students Only

Credits:

4.00

Description:

Available to senior students enrolled in the Radiation Therapy program. A seminar style course that serves many purposes; one of which will be preparing our graduating students for board certification (ARRT). Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **RAD-476 Senior Seminar for Medical Dosimetry**

Prerequisites:

Senior Status and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will be available to second year clinical students enrolled in the Medical Dosimetry program. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in MDCB for Medical Dosimetry. Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **PHYS-206 Introduction to Radiation Oncology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will serve as an introduction to the role of the radiation therapist and medical dosimetrist in a Radiation Oncology department. Through a combination of detailed lectures, discussions, role-playing, case studies, and hands-on laboratory exercises, students will be introduced to the professional and clinical aspects of their respective professions. Additional topics included radiation safety, patients rights, infection control, communication for the clinic, patient assessment, and psychosocial aspects of cancer including death and dying.

Term:

Offered Fall Term

- **PHYS-301 Clinical Radiation I**

Prerequisites:

PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Through a systems-based approach, this course will review anatomy and physiology while teaching medical terminology. This course will also discuss the major cancers associated with each anatomical system and introduce the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

- **PHYS-L301 Radiation Therapy Rotation I**

Prerequisites:

Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

- **PHYS-302 Clinical Radiation II**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

This course is a continuation of MS 301. Through the same didactic approach, the course will cover all of the anatomical systems and their related medical terminology NOT covered in MS 301.

Term:

Offered Fall Term

• PHYS-L302 Radiation Therapy Rotation II

Prerequisites:

Radiation Therapy (Major or Certificate) Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Fall Term

• PHYS-L303 Radiation Therapy Rotation III

Prerequisites:

PHYS L302; Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

- **PHYS-L304 Radiation Therapy Practicum**

Prerequisites:

Take PHYS-301 PHYS-L301;*Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student radiation therapists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on patient care experience in the department of radiation oncology at our clinical affiliates. Under constant supervision by licensed therapists, the student will be guided toward the application of theory in the real world of cancer treatment.

Term:

Summer

- **PHYS-L311 Medical Dosimetry Rotation I**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Two,8-hour days per week, TTH.

Term:

Offered Spring Term

• PHYS-L312 Medical Dosimetry Rotation II

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a certified medical dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three 8-hour days per week, MWF.

Term:

Offered Fall Term

• PHYS-L313 Medical Dosimetry Rotation III

Prerequisites:

PHYS L312, Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three, 8-hour days per week, MWF.

Term:

Offered Spring Term

- **PHYS-L314 Medical Dosimetry Practicum**

Prerequisites:

Take PHYS-301 and PHYS-L311; *Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student dosimetrists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on treatment planning experience in the department of radiation oncology at our clinical affiliates. Under constant supervision of certified medical dosimetrists, the student will be guided toward the application of theory in the real world of cancer treatment planning.

Term:

Summer

- **PHYS-315 Radiation Physics I**

Prerequisites:

PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

- **PHYS-L315 Radiation Physics I Lab**

Prerequisites:

PHYS 315 concurrently

Credits:

1.00

Description:

This lab will cover a broad range of experiments associated with the Department of Radiation Oncology at Massachusetts General Hospital. Topics include: Quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

- **PHYS-317 Radiation Physics II**

Prerequisites:

PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is intended to expand on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. This course will also cover the principles, theories, and uses of brachytherapy. This course was previously MS 412

Term:

Offered Spring Term

- **PHYS-415 Dosimetry I**

Prerequisites:

PHYS 315; PHYS L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

This course will discuss the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. This course will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

- **PHYS-L415 Dosimetry I Lab**

Prerequisites:

PHYS 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

This lab will provide the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

- **PHYS-417 Dosimetry II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is a continuation of Clinical Dosimetry I and will focus on advanced treatment planning techniques including intensity modulated radiation therapy (IMRT), arc therapy, stereotactic treatment planning, and proton therapy. The advantages of each technique/modality over conventional 3D-treatment planning will be discussed. This will also be contrasted against the specific challenges presented by each technique such as the need for better immobilization, need for 4D CT scanning and daily IGRT (kV matching and/or CBCT).

Term:

Offered Fall Term

- **PHYS-416 Radiation Biology**

Prerequisites:

PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students only (including Radiation Science minors)

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

- **PHYS-420 Radiation Oncology & Pathology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course, taught by Massachusetts General Hospital physicians will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

- **PHYS-422 Radiology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin with an introduction to radiology, reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis

on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

- **PHYS-435 Brachytherapy**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

Topics in this course will include, radioactive sources, calibration, instrumentation, factors affecting dose calculations, definitions of LDR, MDR and HDR, treatment planning and clinical dose calculation, implantation techniques, implant localization/verification, regulations, radiation safety, storage and QA. Detailed coverage of prostate brachytherapy including LDR and HDR will be emphasized.

Term:

Offered Spring Term

- **PHYS-450 Dosimetry Systems and Networking and Quality Assurance**

Prerequisites:

Senior Status; Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is designed for the medical dosimetry student, to include a general overview of computer systems and networking in the field of radiation oncology. A historical view of computers will be covered as well as the intricate uses in the medical field today. Oncology information systems such as

MOSAIC and ARIA, as well as radiation therapy software used for imaging, contouring, treatment planning, and patient charting applications will be covered. Data and system security will also be addressed.

Term:

Offered Spring Term

- **PHYS-475 Senior Seminar for Radiation Therapy**

Prerequisites:

Senior status, Radiation Therapy Students Only

Credits:

4.00

Description:

This course will be available to senior students enrolled in the Radiation Therapy and Medical Dosimetry programs. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in their respective disciplines (AART for Radiation Therapy and MDCB for Medical Dosimetry). Exam preparation will include the use of lectures, student teaching, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **PHYS-476 Senior Seminar for Medical Dosimetry**

Prerequisites:

Senior Status and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will be available to second year clinical students enrolled in the Medical Dosimetry program. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in MDCB for Medical Dosimetry. Exam preparation will

include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

SCI TECH ENGR



2017-2018 Archived Catalog Information

Radiation Therapy Certificate

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Requirements](#)
- [Radiation Therapy Courses](#)
- [Gainful Employment Disclosure](#)

Certificate Requirements: 17 courses and corresponding laboratories and clinical hours, 62 credits

Core Requirements (13 courses and corresponding laboratories where applicable, 46 credits)

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to:

PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

• RAD-206 Introduction to Radiation Oncology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

Offers an introduction to the role of the radiation therapist and medical dosimetrist in a Radiation Oncology department. Through a combination of detailed lectures, discussions, role-playing, case studies, and hands-on laboratory exercises, students will be introduced to the professional and clinical aspects of their respective professions. Additional topics included radiation safety, patients rights, infection control, communication for the clinic, patient assessment, and psychosocial aspects of cancer including death and dying.

Term:

Offered Fall Term

• RAD-301 Clinical Radiation I

Prerequisites:

RAD/PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Studying through a systems-based approach, this course reviews anatomy and physiology while teaching medical terminology. Topics will include discussing the major cancers associated with each anatomical system and introducing the student to radiation therapy treatment techniques and

procedures.

Term:

Offered Spring Term

• RAD-L301 Radiation Therapy Rotation I

Prerequisites:

Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Offered Spring Term

• RAD-302 Clinical Radiation II

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

A continuation of RAD 301. Through the same didactic approach, students will learn all of the anatomical systems and their related medical terminology not taught in RAD 301.

Term:

Offered Fall Term

- **RAD-L302 Radiation Therapy Rotation II**

Prerequisites:

Radiation Therapy (Major or Certificate) Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Offered Fall Term

- **RAD-L303 Radiation Therapy Rotation III**

Prerequisites:

RAD/PHYS L302; Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Offered Spring Term

- **RAD-L304 Radiation Therapy Practicum**

Prerequisites:

RAD/PHYS-301 and RAD/PHYS-L301

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Summer

- **RAD-315 Radiation Physics I**

Prerequisites:

RAD L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of

dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

- **RAD-L315 Radiation Physics I Lab**

Prerequisites:

RAD/PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

1.00

Description:

Explores topics including quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

- **RAD-317 Radiation Physics II**

Prerequisites:

RAD 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

Expands on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. Students will also learn the principles, theories, and uses of

brachytherapy.

Term:

Offered Spring Term

- **RAD-415 Dosimetry I**

Prerequisites:

RAD/PHYS 315; RAD L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Discusses the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. Students will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

- **RAD-L415 Dosimetry I Lab**

Prerequisites:

RAD 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

Provides the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret

information they compute.

Term:

Offered Spring Term

• RAD-416 Radiation Biology

Prerequisites:

RAD/PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students only (including Radiation Science minors)

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

• RAD-420 Radiation Oncology & Pathology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

Students will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

- **RAD-422 Radiology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin Beginning with an introduction to radiology, students reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

- **RAD-475 Senior Seminar for Radiation Therapy**

Prerequisites:

Senior status, Radiation Therapy Students Only

Credits:

4.00

Description:

Available to senior students enrolled in the Radiation Therapy program. A seminar style course that serves many purposes; one of which will be preparing our graduating students for board certification (ARRT). Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

Mathematics Requirement (1 course, 4 credits)

Choose one of the following:

- **MATH-134 Calculus for Management & Social Sciences**

Prerequisites:

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

- **MATH-165 Calculus I**

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions, hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

Note:

If planning to apply to the [Medical Dosimetry Certificate](#) program during year two or after graduation, students must take both MATH-165 and MATH-166.

Biostatistics Requirement (1 course, 4 credits)

Choose one of the following:

- **BIO-273 Biostatistics**

Prerequisites:

BIO 111/L111

Credits:

4.00

Description:

Introduction to the statistical methods used to evaluate biological problems. Sampling, probability, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered. Software for data handling, graphics, and analysis will be used.

Term:

Offered Fall Term

Type:

Quantitative Analysis

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

• PSYCH-215 Behavioral Statistics

Prerequisites:

PSYCH 114; Restricted to majors only unless with permission of instructor.

Credits:

4.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Quantitative Analysis

Ethics Requirement (1 course, 4 credits)

Choose one of the following:

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-127 Contemporary Moral Issues**

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-363 Bio and Medical Ethics**

Prerequisites:

Prerequisite: Phil 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral problems facing health-care practitioners, their patients, and others involved with the practice of medicine in today's society. Issues include euthanasia, the ethics of medical experimentation, the use of reproductive technologies, genetic counseling and genetic engineering, truth-telling and confidentiality in doctor-patient relationships, the cost and availability of medical care. Normally offered every third year.

Term:

Occasional

Radiation Science Elective (1 course and its corresponding laboratory where applicable, 4 credits)

Choose one of the following:

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Rigorous introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENG NR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENG NR

- **BIO-233 Human Nutrition**

Prerequisites:

BIO 111/L111 and BIO 114/L114;

Credits:

4.00

Description:

This interactive introduction to nutrition explores the science of human nutrition and further reviews concepts of how nutrition can promote health and well being. The course will review specific nutrient needs and functions, nutrient digestion, and the role of diet in well being and in the presence of chronic disease. Weekly course work encourages scientific literacy and fosters critical evaluation of nutrition in the news and in social media.

- **BIO-262 Principles of Cell Culture**

Prerequisites:

BIO 111, L111 and BIO 114, L114 and CHEM 111, L111

Credits:

4.00

Description:

The course is designed as an application base educational experience that will allow students to learn the standard techniques associated with successful cell culture. As such, students are responsible for the maintenance, propagation, isolation, and preservation of their cells. A number of cell types and experimental manipulations of the cultures are investigated throughout the semester.

Term:

Offered Spring Term

- **BIO-274 Genetics**

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO L274 concurrently;

Credits:

3.00

Description:

An examination of the basic principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, structure and function of chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, and population genetics.

Term:

Offered Fall Term

- **BIO-L274 Genetics Lab**

Prerequisites:

BIO-111, BIO-L111, BIO-114, and BIO-L114. Must be taken concurrently with BIO 274.

Credits:

1.00

Description:

Experiments designed to demonstrate principles presented in lecture, using a range of genetic model organisms that include *E. coli*, *B. subtilis*, *S. cerevisiae*, *D. melanogaster*, *S. fimicola*, and *C. elegans*.

Term:

Offered Fall Term

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Spring Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-304 Comparative Animal Physiology**

Prerequisites:

BIO-114 and BIO-L114. Must take BIO-L304 concurrently

Credits:

3.00

Description:

Mechanisms of physiological adaptations to environmental challenges are studied. Examples of gas exchange, osmoregulation, fluid transport, temperature regulation, nervous control, and movement are examined in various animal forms through class lecture and discussion, required readings, and external lectures. Spring semester.

Term:

Offered Spring Term

- **BIO-L304 Comp Animal Physiology Lab**

Prerequisites:

BIO-114 and BIO-L114. Must take BIO-304 concurrently.

Credits:

1.00

Description:

Selected physiological processes and mechanisms or adaptation in invertebrate and vertebrate animals are examined by observation and controlled experiments.

- **BIO-360 Cancer Biology**

Prerequisites:

BIO-111, BIO-L111, BIO-114, BIO-L114, BIO-274, and BIO-L274

Credits:

4.00

Description:

An examination of molecular and cellular mechanisms that lead to the development of cancer. Factors contributing to tumorigenesis, angiogenesis, and metastasis will be discussed; these factors, oncogenes, tumor suppressor genes, and signal transduction networks. In addition, an investigation of current strategies for cancer prevention and treatment will be considered.

- **BIO-377 Immunology**

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-L377 concurrently;

Credits:

3.00

Description:

The concept of immunity, response to infection, structure of the immune system, biochemistry of immunoglobins, antigen-antibody interactions, allergy, immunological injury, lymphocyte subpopulations and cellular immunity, tolerance suppression and enhancement. Taught alternate/even years.

Term:

Offered Spring Term

- **BIO-L377 Immunology Laboratory**

Prerequisites:

BIO-114 and BIO-L114 and CHEM-211 and CHEM-L211. Must take BIO-377 concurrently.

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immuno-chemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

- **BIO-385 Advanced Microbiology**

Prerequisites:

BIO-274 and BIO-L274 or BIO-285 and BIO-L285; BIO-L385 must be taken concurrently

Credits:

4.00

Description:

The molecular mechanisms of host-microbe interactions and the epidemiology and public health aspects of microorganisms are stressed. Also covered are current topics in microbiology including antimicrobial therapy and resistance, emerging pathogens and novel applications of microbiology. Experimental design and troubleshooting skills are developed, using contemporary microbiology and molecular biology laboratory techniques. Taught alternate/odd years.

Term:

Offered Fall Term

- **BIO-403 Cell Biology**

Prerequisites:

BIO 111/L111; CHEM-211/L211; BIO-L403 concurrently;

Credits:

3.00

Description:

The study of cells, approached through examinations of biochemical mechanisms, the relation between the structure and function of biological molecules and organelles, and the regulation of normal and diseased cells.

Term:

Offered Fall Term

- **BIO-L403 Cell Biology Lab**

Prerequisites:

BIO-111 and BIO-L11 and CHEM-211 and CHEM-L211. Must take BIO-403 concurrently.

Credits:

1.00

Description:

Examination of biological molecules and their role in cell function. Techniques used in these examinations will include enzymatic analyses, gel electrophoresis, immunologic identification, chromatography, and spectroscopy. Students are expected to develop their proficiency in the laboratory techniques used, to analyze their results in a quantitative manner, and to present their findings.

Term:

Offered Fall Term

- **BIO-474 Molecular Genetics**

Prerequisites:

CHEM-311 or BIO-274 and BIO-L274 and BIO-L474 concurrently

Credits:

3.00

Description:

An examination of concepts and techniques of modern molecular biology. Topics include the structure and function of DNA, RNA, and proteins, the regulation of gene expression in prokaryotes and eukaryotes at transcriptional and post-transcriptional levels, genetic modification of organisms, and genome analysis. This course will incorporate readings and discussions of primary scientific literature. Spring semester.

Term:

Occasional

- **BIO-L474 Molecular Genetics Lab**

Prerequisites:

Take CHEM-331 or BIO-274 and BIO-L274. BIO-474 must be taken concurrently.

Credits:

1.00

Description:

This upper level laboratory course will consist of a semester-long project in the form of a series of consecutive experiments involving the generation of a genetically modified organism and its subsequent molecular analysis. Techniques employed will include genetic screens, DNA isolation, restriction endonuclease analysis, transformation of bacteria, gel electrophoresis, gene reported assays, RNA isolation, reverse transcription, and quantitative PCR.

Term:

Occasional

- **BIO-475 Developmental Biology**

Prerequisites:

BIO-114, L114 and CHEM-211, L211

Credits:

3.00

Description:

This course focuses on embryonic development in vertebrates. The conceptual focus on evolutionary developmental biology includes comparative developmental mechanisms and Epigenetic processes.

Term:

Offered Fall Term

- **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Explores the basic techniques of collecting and analyzing data from different types of instrumentation, including: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Students will apply these techniques to problems in chemistry, forensics, and environmental science.

Term:

Offered Fall Term

• **CHEM-L314 Instrumental Analysis Laboratory**

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style.

Term:

Offered Fall Term

• **CHEM-331 Biochemistry I**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and bioinformatics techniques.

Term:

Offered Fall Term

- **CHEM-L331 Biochemical Techniques Lab**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM 331 must be taken concurrently

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays.

Term:

Offered Fall Term

- **CHEM-332 Biochemistry II**

Prerequisites:

CHEM 331 and CHEM-L332 concurrently

Credits:

3.00

Description:

Explores the principles of bioenergetics and metabolism of biomolecules. Includes intermediary metabolism of carbohydrates, lipids, amino acids, and oxidative phosphorylation. Additional topics include signal transduction and the regulation and integration of metabolism.

Term:

Offered Spring Term

- **CHEM-390 Advanced Organic Chemistry**

Prerequisites:

Prerequisite: CHEM 212.

Credits:

3.00

Description:

Expands on topics introduced in Organic Chemistry I and II; depending on student interest, may include in-depth discussions of carbonyl chemistry, industrial organic chemistry, organometallic chemistry and biomolecules.

Term:

Alternates Fall & Spring

- **HLTH-301 Introduction to the U.S. Healthcare Systems**

Prerequisites:

Junior standing

Credits:

3.00

Description:

This course presents an overview of the origins, components, organization, and operation of the health system in the United States. It is an introduction to the major health issues and institutions, including the settings in which health services are delivered, providers of these services, and the public and private payers for services.

- **HLTH-325 Legal Environment of Healthcare**

Credits:

3.00

Description:

Students investigate the structural and functional aspects of the legal, institutional, and political factors that condition the character of the US healthcare industry, the role of the healthcare manager, the legislative process, administrative policy-making, and national trends related to political parties and interest groups. Topics in healthcare law include medical malpractice, informed consent, confidentiality of patient information, healthcare liability, and administrative law.

- **PHYS-215 Nanomaterials and the Energy Problem**

Prerequisites:

CHEM 111-112 or PHYS 111-112 Or Permission of Instructor

Credits:

4.00

Description:

This course is designed as an introduction to nanotechnology and some of its important uses. It is aimed at science majors who have taken basic courses in physics or chemistry. The course will cover the properties and uses of carbon-nanotubes, nanocomposites, and other nanomaterials that are being fabricated in labs and industries around the world. It will serve as an introduction to the important role of nanomaterials in solving modern-day energy problems.

Term:

Occasional

- **MATH-130 Topics in Finite Mathematics**

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

• MATH-166 Calculus II

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-255 Probability and Statistics

Prerequisites:

MATH-165 or MATH-164 with a grade of C or better

Credits:

4.00

Description:

Topics include: random variable and distribution; expectation and variance; special discrete/continuous distributions (uniform, binomial, negative binomial, geometric, hypergeometric, Poisson, normal, and exponential distributions); joint distribution, marginal distribution and conditional distribution; covariance; limit theorems (law of large numbers and central limit theorem); introduction to confidence interval and hypothesis testing; regression analysis. Offered as needed.

- **MATH-265 Calculus III**

Prerequisites:

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

- **MATH-285 Discrete Mathematics**

Prerequisites:

MATH-164 or MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics mostly selected from the following list: Logic and set theory, elementary number theory, relations and functions and their properties (equivalence relations, partial order relations, recurrence relations and their solutions); computational complexity of algorithms (big O notation); graphs and their properties (isomorphisms of graphs, Euler and Hamilton paths, shortest path problem, graph coloring) trees (tree traversal, minimum

spanning trees); finite state machines; methods of proof (proof by induction, proof by contradiction). Prerequisite: MATH 220 or permission of instructor. 1 term - 4 credits (4 lecture hours per week). Normally offered at least once each year.

- **MATH-331 Introduction to Abstract Math**

Prerequisites:

MATH-166 minimum grade of C

Credits:

4.00

Description:

this course is intended to provide a firm foundation for and a taste of the study of advanced mathematics. While the course content varies somewhat, it is designed to give students a deeper understanding of the algebraic and analytical structure of the integers, the rational numbers and the real numbers and how they act as a building block to a variety of fields of mathematics. Students are introduced to the process of mathematical discovery and the language of mathematics. Exercises and projects are designed to illustrate the need for proof and to further refine the student's ability to analyze, conjecture and write mathematical proofs. This course is a prerequisite for most upper level mathematics courses and, after completing it a student will be in a position to determine realistically if he or she ought to major or minor in mathematics.

- **PHIL-363 Bio and Medical Ethics**

Prerequisites:

Prerequisite: Phil 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral problems facing health-care practitioners, their patients, and others involved with the practice of medicine in today's society. Issues include euthanasia, the ethics of medical experimentation, the use of reproductive technologies, genetic counseling and genetic engineering, truth-telling and confidentiality in doctor-patient relationships, the cost and availability of medical care. Normally offered every third year.

Term:

Occasional

- **PSYCH-114 General Psychology**

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **PSYCH-233 Child Development**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Examines physical, cognitive, emotional, and social development in youth (i.e., from conception through adolescence). Surveys major developmental approaches including biological, learning, and contextual/environmental theories. Major focus is on normal development. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **PSYCH-236 Psychology of the Family**

Credits:

4.00

Description:

Focuses on the various forms and structures of families and family life over time and across cultures, with emphasis on the psychological impact of such forms. The complex relationship among individual psychology, family relationships, and the larger social context is addressed. Topics include marriage, parenting, and divorce. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **PSYCH-321 Introduction to Counseling Skills**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Explores and examines basic models of helping and provides supervised practice of helping skills. Format includes lecture, discussion, role play, and video feedback. Normally offered yearly.

Term:

Offered Fall Term

- **PSYCH-326 Abnormal Psychology**

Prerequisites:

PSYCH 114, and Sophomore standing or permission of the instructor

Credits:

4.00

Description:

Introduces the concepts of psychological disorder and focuses on description and etiology of various mental health problems from a variety of different theoretical perspectives. Students develop familiarity with the DSM classification system and major disorders described within it, including mood and anxiety disorders, thought disorders, and personality disorders. Normally offered each semester.

Term:

Offered Both Fall and Spring

- **PSYCH-333 Adult Development & Aging**

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Surveys theory and research about the physical, mental, and psychological aspects of life-span development. Age-related changes in mental health, personality, self-image, sexual relations, friendships, career development and spirituality are explored. Aging may also be explored as a global, demographic and cross-cultural issue. Research surrounding death and dying, bereavement, and hospice/nursing home care is also presented. Normally offered alternate years.

Term:

Offered Both Fall and Spring

- **PSYCH-336 Developmental Psychopathology**

Prerequisites:

PSYCH 114 and sophomore standing

Credits:

4.00

Description:

Examines the etiology and symptoms of disorders of childhood and adolescence, as well as current therapeutic approaches. Developmental changes in the incidence of externalizing disorders, such as conduct disorder and attention deficit disorder, and internalizing disorders, such as depression and eating disorders, are addressed. Disorders that affect both behavioral and mental functioning such as Fetal Alcohol Syndrome and autism may also be included. The role of development in the understanding and treatment of the childhood disorders is reviewed. Normally offered yearly.

Term:

Offered Fall Term

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-220 Childhood and Adolescence in Contemporary Society**

Credits:

4.00

Description:

This course examines the development of children and adolescents from biological, psychological, and sociological perspectives. Major themes and changes associated with each developmental stage are discussed. The course explores practical implications of theory and research (parenting, juvenile justice, etc.), and current topics in child and adolescent development. Class format includes lectures discussion, debates and direct observation of children.

Term:

Occasional

• SOC-242 Law, Health & Human Rights

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

Term:

Occasional

• SOC-253 Sociology of Health and Illness

Credits:

4.00

Description:

This course provides students with an introduction to how social norms, structures, and practices shape experiences of illness and health. Among the topics that will be covered are: health and the environment, the reasons some groups of people are less healthy than others, living with chronic illness and disabilities, and public debates surrounding issues such as performance enhancing drugs and sports, Attention Deficit Disorder and the HPV vaccine. Required for all students in the health, Medicine and the Body Concentration.

Term:

Occasional

- **SOC-254 SL-U.S. Health Care Landscapes**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. In this course, students will learn about how the U.S. health care system works. We will study the politics and economics of the health care system and discuss the key health care policy issues of this decade. Using the theoretical perspectives provided by sociology, we will look at issues of power, hierarchy, race, and gender vis-a-vis the health care system. Reading for this course centers on first person narratives by people working in the health care system. This course fulfills the ECR requirement.

Term:

Occasional

Type:

Service Learning

- **SOC-256 Sociology of Aging**

Credits:

4.00

Description:

Consideration of the physiological, psychological and social factors associated with the aging process. Contemporary American values toward the elderly are compared and contrasted with historical and cross-cultural studies. Current opportunities and techniques enabling the elderly to enrich and expand their societal roles are explored.

Term:

Occasional

- **SOC-354 Death and Dying**

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- **SOC-355 Women and Health**

Credits:

4.00

Description:

An exploration of topics that relate particularly to women as providers and consumers in the health care system. The course will consider historical and current information on issues of reproduction, technology, health and illness.

Term:

Occasional

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

Please check with the program director for potential Radiation Science elective approval of other biology, chemistry, physics, math, psychology, or sociology courses.

Required Clinical Hours:

14 hours per week; Semester 2, Year 1

40 hours per week; 12 week Summer Session

24 hours per week, Year 2

Note:

The department reserves the right to require the withdrawal of a student from the Radiation Therapy certificate program if, in its estimation, the probability of the student's success is doubtful. Factors such as academic performance, interest, effort, professionalism, compliance, attendance, and suitability for the field will be considered. Issues or concerns correlated with any one of these factors could result in withdrawal of the student from the program. Students who defer entry into the program, for any reason, will forfeit their space in the program and will be required to reapply for the following year. A student may be dismissed from the Radiation Therapy program if they fail to maintain the minimum GPA of 3.0 or if they achieve a final grade lower than "B" in any of the Radiation Therapy courses listed above.

If admitted into the Radiation Therapy program, part-time and full-time students must complete clinical requirements within three years of being admitted. Radiation Therapy graduates may seek employment immediately following graduation and will also be eligible to apply for the American Registry of Radiologic Technologists (ARRT) Radiation Therapy Certification Exam.



2017-2018 Archived Catalog Information

Radiation Therapy Certificate

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Requirements](#)
- [Radiation Therapy Courses](#)
- [Gainful Employment Disclosure](#)

• RAD-206 Introduction to Radiation Oncology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

Offers an introduction to the role of the radiation therapist and medical dosimetrist in a Radiation Oncology department. Through a combination of detailed lectures, discussions, role-playing, case studies, and hands-on laboratory exercises, students will be introduced to the professional and clinical aspects of their respective professions. Additional topics included radiation safety, patients rights, infection control, communication for the clinic, patient assessment, and psychosocial aspects of cancer including death and dying.

Term:

Offered Fall Term

• RAD-301 Clinical Radiation I

Prerequisites:

RAD/PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Studying through a systems-based approach, this course reviews anatomy and physiology while teaching medical terminology. Topics will include discussing the major cancers associated with each anatomical system and introducing the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

• RAD-L301 Radiation Therapy Rotation I

Prerequisites:

Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Offered Spring Term

- **RAD-302 Clinical Radiation II**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

A continuation of RAD 301. Through the same didactic approach, students will learn all of the anatomical systems and their related medical terminology not taught in RAD 301.

Term:

Offered Fall Term

- **RAD-L302 Radiation Therapy Rotation II**

Prerequisites:

Radiation Therapy (Major or Certificate) Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Offered Fall Term

- **RAD-L303 Radiation Therapy Rotation III**

Prerequisites:

RAD/PHYS L302; Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Offered Spring Term

- **RAD-L304 Radiation Therapy Practicum**

Prerequisites:

RAD/PHYS-301 and RAD/PHYS-L301

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Summer

- **RAD-L311 Medical Dosimetry Rotation I**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Offered Spring Term

• **RAD-L312 Medical Dosimetry Rotation II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a certified medical dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Offered Fall Term

• **RAD-L313 Medical Dosimetry Rotation III**

Prerequisites:

RAD/PHYS L312, Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Offered Spring Term

- **RAD-L314 Medical Dosimetry Practicum**

Prerequisites:

RAD/PHYS-301 and RAD/PHYS-L311

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Summer

- **RAD-315 Radiation Physics I**

Prerequisites:

RAD L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

- **RAD-L315 Radiation Physics I Lab**

Prerequisites:

RAD/PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

1.00

Description:

Explores topics including quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

- **RAD-317 Radiation Physics II**

Prerequisites:

RAD 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

Expands on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. Students will also learn the principles, theories, and uses of brachytherapy.

Term:

Offered Spring Term

- **RAD-415 Dosimetry I**

Prerequisites:

RAD/PHYS 315; RAD L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Discusses the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. Students will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

- **RAD-L415 Dosimetry I Lab**

Prerequisites:

RAD 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

Provides the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

- **RAD-416 Radiation Biology**

Prerequisites:

RAD/PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students only (including Radiation Science minors)

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

- **RAD-417 Dosimetry II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

A continuation of Dosimetry I that focuses on advanced treatment planning techniques including intensity modulated radiation therapy (IMRT), arc therapy, stereotactic treatment planning, and proton therapy. The advantages of each technique/modality over conventional 3D-treatment planning will be discussed. This will also be contrasted against the specific challenges presented by each technique such as the need for better immobilization, need for 4D CT scanning and daily IGRT (kV matching and/or CBCT).

Term:

Offered Fall Term

- **RAD-420 Radiation Oncology & Pathology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

Students will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

- **RAD-422 Radiology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin Beginning with an introduction to radiology, students reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

- **RAD-435 Brachytherapy**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

Topics will include, radioactive sources, calibration, instrumentation, factors affecting dose calculations, definitions of LDR, MDR and HDR, treatment planning and clinical dose calculation, implantation techniques, implant localization/verification, regulations, radiation safety, storage and QA. Detailed coverage of prostate brachytherapy including LDR and HDR will be emphasized.

Term:

Offered Spring Term

- **RAD-450 Dosimetry Systems and Networking and Quality Assurance**

Prerequisites:

Senior Status; Medical Dosimetry Students Only

Credits:

4.00

Description:

Includes a general overview of computer systems and networking in the field of radiation oncology. A historical view of computers will be covered as well as the intricate uses in the medical field today. Oncology information record and verification systems, as well as radiation therapy software used for imaging, contouring, treatment planning, and patient charting applications will be covered. Data and system security will also be addressed.

Term:

Offered Spring Term

- **RAD-475 Senior Seminar for Radiation Therapy**

Prerequisites:

Senior status, Radiation Therapy Students Only

Credits:

4.00

Description:

Available to senior students enrolled in the Radiation Therapy program. A seminar style course that serves many purposes; one of which will be preparing our graduating students for board certification (ARRT). Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **RAD-476 Senior Seminar for Medical Dosimetry**

Prerequisites:

Senior Status and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will be available to second year clinical students enrolled in the Medical Dosimetry program. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in MDCB for Medical Dosimetry. Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **PHYS-206 Introduction to Radiation Oncology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will serve as an introduction to the role of the radiation therapist and medical dosimetrist in a Radiation Oncology department. Through a combination of detailed lectures, discussions, role-playing, case studies, and hands-on laboratory exercises, students will be introduced to the professional and clinical aspects of their respective professions. Additional topics included radiation safety, patients rights, infection control, communication for the clinic, patient assessment, and psychosocial aspects of cancer including death and dying.

Term:

Offered Fall Term

- **PHYS-301 Clinical Radiation I**

Prerequisites:

PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Through a systems-based approach, this course will review anatomy and physiology while teaching medical terminology. This course will also discuss the major cancers associated with each anatomical system and introduce the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

- **PHYS-L301 Radiation Therapy Rotation I**

Prerequisites:

Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

- **PHYS-302 Clinical Radiation II**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

This course is a continuation of MS 301. Through the same didactic approach, the course will cover all of the anatomical systems and their related medical terminology NOT covered in MS 301.

Term:

Offered Fall Term

- **PHYS-L302 Radiation Therapy Rotation II**

Prerequisites:

Radiation Therapy (Major or Certificate) Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Fall Term

- **PHYS-L303 Radiation Therapy Rotation III**

Prerequisites:

PHYS L302; Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

- **PHYS-L304 Radiation Therapy Practicum**

Prerequisites:

Take PHYS-301 PHYS-L301;*Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student radiation therapists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on patient care experience in the department of radiation oncology at our clinical affiliates. Under constant supervision by licensed therapists, the student will be guided toward the application of theory in the real world of cancer treatment.

Term:

Summer

- **PHYS-L311 Medical Dosimetry Rotation I**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Two,8-hour days per week, TTH.

Term:

Offered Spring Term

- **PHYS-L312 Medical Dosimetry Rotation II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a certified medical dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three 8-hour days per week, MWF.

Term:

Offered Fall Term

- **PHYS-L313 Medical Dosimetry Rotation III**

Prerequisites:

PHYS L312, Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three, 8-hour days per week, MWF.

Term:

Offered Spring Term

- **PHYS-L314 Medical Dosimetry Practicum**

Prerequisites:

Take PHYS-301 and PHYS-L311; *Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student dosimetrists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on treatment planning experience in the department of radiation oncology at our clinical affiliates. Under constant supervision of certified medical dosimetrists, the student will be guided toward the application of theory in the real world of cancer treatment planning.

Term:

Summer

• PHYS-315 Radiation Physics I

Prerequisites:

PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

• PHYS-L315 Radiation Physics I Lab

Prerequisites:

PHYS 315 concurrently

Credits:

1.00

Description:

This lab will cover a broad range of experiments associated with the Department of Radiation Oncology at Massachusetts General Hospital. Topics include: Quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

- **PHYS-317 Radiation Physics II**

Prerequisites:

PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is intended to expand on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. This course will also cover the principles, theories, and uses of brachytherapy. This course was previously MS 412

Term:

Offered Spring Term

- **PHYS-415 Dosimetry I**

Prerequisites:

PHYS 315; PHYS L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

This course will discuss the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. This course will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

- **PHYS-L415 Dosimetry I Lab**

Prerequisites:

PHYS 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

This lab will provide the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

- **PHYS-417 Dosimetry II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is a continuation of Clinical Dosimetry I and will focus on advanced treatment planning techniques including intensity modulated radiation therapy (IMRT), arc therapy, stereotactic treatment planning, and proton therapy. The advantages of each technique/modality over conventional 3D-treatment planning will be discussed. This will also be contrasted against the specific challenges presented by each technique such as the need for better immobilization, need for 4D CT scanning and daily IGRT (kV matching and/or CBCT).

Term:

Offered Fall Term

• PHYS-416 Radiation Biology

Prerequisites:

PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students only (including Radiation Science minors)

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

• PHYS-420 Radiation Oncology & Pathology

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course, taught by Massachusetts General Hospital physicians will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

- **PHYS-422 Radiology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin with an introduction to radiology, reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

- **PHYS-435 Brachytherapy**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

Topics in this course will include, radioactive sources, calibration, instrumentation, factors affecting dose calculations, definitions of LDR, MDR and HDR, treatment planning and clinical dose calculation, implantation techniques, implant localization/verification, regulations, radiation safety, storage and QA. Detailed coverage of prostate brachytherapy including LDR and HDR will be emphasized.

Term:

Offered Spring Term

• PHYS-450 Dosimetry Systems and Networking and Quality Assurance

Prerequisites:

Senior Status; Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is designed for the medical dosimetry student, to include a general overview of computer systems and networking in the field of radiation oncology. A historical view of computers will be covered as well as the intricate uses in the medical field today. Oncology information systems such as MOSAIC and ARIA, as well as radiation therapy software used for imaging, contouring, treatment planning, and patient charting applications will be covered. Data and system security will also be addressed.

Term:

Offered Spring Term

• PHYS-475 Senior Seminar for Radiation Therapy

Prerequisites:

Senior status, Radiation Therapy Students Only

Credits:

4.00

Description:

This course will be available to senior students enrolled in the Radiation Therapy and Medical Dosimetry programs. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in their respective disciplines (AART for Radiation Therapy and MDCB for Medical Dosimetry). Exam preparation will include the use of lectures, student teaching, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **PHYS-476 Senior Seminar for Medical Dosimetry**

Prerequisites:

Senior Status and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will be available to second year clinical students enrolled in the Medical Dosimetry program. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in MDCB for Medical Dosimetry. Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR



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Academic Catalogs

[Academic Catalogs](#) > [Undergraduate Catalog](#) > [College of Arts & Sciences](#) > [Majors, Minors, & Certificates](#) > Radiation Therapy Certificate

2017-2018 Archived Catalog Information

Radiation Therapy Certificate

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Requirements](#)
- [Radiation Therapy Courses](#)
- [Gainful Employment Disclosure](#)

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Radiation Therapy](#).



2017-2018 Archived Catalog Information

Science

No major available.

All science courses must be taken with their respective laboratories unless otherwise noted or waived by written permission from appropriate department chair.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Science Courses](#)

- SCI-101 Physical Science I

Prerequisites:

One course of MATH 104,121,128(formerly 132),130,134, 164 or 165; SCI L101 taken concurrently

Credits:

3.00

Description:

No longer offered Topics in the physical sciences treated at a level appropriate for non-science majors. Newton's laws, circular motion, heat, electricity and magnetism, optics, and atomic physics are discussed with problem sets required to illustrate the concepts.

Term:

Offered Fall Term

- **SCI-L101 Physical Science Lab I**

Prerequisites:

SCI 101 concurrently

Credits:

1.00

Description:

No longer offered Laboratory experiments and exercises to illustrate the principles covered in Science 101. On-time attendance is mandatory for pre-lab lectures. Weekly lab write-ups completed during the lab.

Term:

Offered Fall Term

- **SCI-102 Intro to Physical Science II**

Prerequisites:

One course of MATH 104 OR MATH 121 OR MATH 130 OR MATH 132 OR MATH 134 MATH 164 OR MATH 165. SCI L102 Must be taken concurrently

Credits:

3.00

Description:

No longer offered Continuation of topics in the physical sciences for nonscience majors. Nuclear physics, chemical reactions, organic compounds, latitude and longitude, study of the solar system, astronomy, and cosmology are all covered.

Term:

Offered Spring Term

- **SCI-L102 Physical Science Lab II**

Prerequisites:

SCI 102 concurrently

Credits:

1.00

Description:

No longer offered Laboratory experiments and exercises to illustrate the principles covered in Science 102. On-time attendance is mandatory for pre-lab lectures. Weekly lab write-ups completed during the lab.

Term:

Offered Spring Term

- **SCI-103 Environmental Science**

Prerequisites:

SCI-L103 must be taken concurrently

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to environmental degradation, ecosystems, geological processes, population dynamics, deforestation and biodiversity, climate change, ozone depletion, air soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **SCI-L103 Environmental Science Lab**

Prerequisites:

Must take SCI-103 concurrently

Credits:

1.00

Description:

Laboratory exercises to illustrate the topics covered in Science 103. Field-testing and analysis of environmental samples. Field trip required.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **SCI-L105 Composite Science Lab**

Prerequisites:

Permission of the department, transfer student status- 2 credits

Credits:

2.00

Description:

No longer offered Combination of lecture and lab involving subject matter in the Physical Sciences (not Life Sciences). This is intended for transfer students who have received course credit in the physical sciences from another school and who still need to satisfy a two credit laboratory requirement.

Term:

Offered Both Fall and Spring

- **SCI-L106 Composite Science Lab**

Prerequisites:

Permission of the department, transfer student status- 1 credit

Credits:

1.00

Description:

No longer offered Combination of lecture and lab involving subject matter in the Physical Sciences (not Life Sciences). This is intended for transfer students only who have received course credit in the physical sciences from another school and who still need to satisfy a one credit laboratory requirement.

Term:

Offered Both Fall and Spring

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **SCI-111 Introduction to Astronomy**

Prerequisites:

MATH-128 or higher and SCI-L111 must be taken concurrently.

Credits:

3.00

Description:

History of Astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors; space programs, science and technology in society. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-L111 Introduction to Astronomy Lab**

Prerequisites:

Take SCI-111 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 111. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-112 Structure of the Universe**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-L112 Structure of the Universe Lab**

Prerequisites:

Take SCI-112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGR

- **SCI-113 A Habitable Earth Within the Solar System**

Credits:

4.00

Description:

This course introduces non-science majors to concepts that are central to making our planet habitable. It presents Earth in context of the solar system with a broad view of global climate change and energy resources in a quest to better understand the workings our planet. This course on Earth and Planetary Science is suitable for students who may have taken their last science and math course several years ago, or are just curious about knowing facts on major issues that pertain to the future of our planet. Together with a reading component, this course aims to give students a flavor of how researchers think, investigate and develop conclusions that directly affect our political and economic future. Topics covered in this course range from the solar system to the study of search for other habitable Earth-like planets, search for extraterrestrial life, and evolution of life on Earth. Other characteristics of this course are heavy use of audio-visual materials often including computer animations and simulations, in-class experiment demonstration, and intensive use of INTERNET-based resources.

Type:

SCI TECH ENGR

- **SCI-161 Physical Science**

Prerequisites:

One course from MATH 104 OR MATH 121 OR MATH 130 OR MATH 134 OR MATH-164 OR MATH 165 or permission of Dept. Chair. Students who have taken SCI 101/L101 or SCI 102/L102 are not eligible to take SCI 161.

Credits:

4.00

Description:

This is a one-semester, non-lab introduction to the physical sciences. The student will obtain a good understanding of a wide variety of topics covered in selected chapters of the text (measurements, Newton's laws, energy, heat and global warming, wave motion, electricity and magnetism, atomic physics, nuclear physics, chemical reactions, and astronomy) and will be able to solve problems illustrating the most important concepts. Students who have taken SCI 101/L101 or SCI 102/L102 are not eligible to take SCI 161.

Term:

Offered Both Fall and Spring

• SCI-165 Inner Workings of Physics Universe

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

SCI TECH ENGNR

- **SCI-171 The Built World: How Humans Engineer Environments**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-H171 The Built World: How Humans Engineer Environments- Honors**

Prerequisites:

Honors students or at least a 3.3 GPA only

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR,Honors

- **SCI-173 Mapping Our World The Power of Digital Maps**

Prerequisites:

SCI L173 Must be taken concurrently Knowledge of Windows type Application

Credits:

3.00

Description:

Geographic Information Science (GIS) link information (number of fire hydrants on a block) to features on a map (e.g., a point representing street address) that has a designated geographic location (as designated by global coordinates). Unlike paper maps, GIS software allows the production of interactive maps that allows the user to layer data, to indicate spatial patterns, to analyze trends, and to combine different features of the mapped area in novel ways. For example, a business person may wish to use GIS to determine the optimum location of retail outlet (based on the mapped demographics of a neighborhood), while an environmental engineer may use GIS to describe the location of outfalls to see how they correlate to areas of stream pollution. In this course, students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-L173 Mapping Our World Lab**

Prerequisites:

Must be taken concurrently with SCI-173

Credits:

1.00

Description:

This laboratory illustrates concepts and methods taught in SCI 173. In this lab students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-181 Science and Life in the 21st Century**

Credits:

4.00

Description:

No longer offered on Boston campus This is a four credit, non-lab, science course that examines the central scientific problems confronting the 21st century. The course studies particular topics and teaches the necessary science around these topics to provide a good understanding of the issues. The topics currently are: Energy, Science and Economic Decisions, Sustainability of Life on Earth, Health and Science.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-184 Contemporary Science and Innovation**

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-201 Physics for Future Presidents**

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGNR

- **SCI-210 Earth and Planetary Crystals**

Prerequisites:

Take SCI-L210 concurrently

Credits:

3.00

Description:

This course will provide undergraduate students of various disciplines with an introduction to gems and crystals using interactive, evidence-based teaching approaches. Crystalline forms of matter are critical to our existence. Using innovative teaching strategies of in-class hands-on demonstration, supplemented with visuals of crystal details, the course provides students insights into the formation, alteration and unique properties that make crystals invaluable. Topics range from the study of proteins and nucleic acids to the interior of planets. The in-class lectures will provide a basic guide that will serve as a platform for individually catered in-depth study. Therefore, the course is open to advanced students as well, who can pick up higher level of information for discussion and class projects.

Type:

SCI TECH ENGR

• SCI-L210 Earth and Planetary Crystals Laboratory

Prerequisites:

Take SCI-210 concurrently

Credits:

1.00

Description:

This course introduces concepts that are central to understanding crystals, gemstones and other natural materials abundant throughout the solar system. It includes an introduction to carbon-based crystals (diamonds, proteins, viruses and ices) in context with origins of life, geopolitical significance and their applications. This laboratory-based course is an introduction to modern tools and techniques for crystal analysis with a historical context of some of the greatest discoveries in science (DNA, and other nanomaterials). It presents crystals and gems from their visually appealing point of view to their sometimes-dramatic physical characteristics, with a broad view of their formation, occurrence, physics, chemistry and resources perspective.

Type:

SCI TECH ENGR

- **SCI-251 Intro to Coastal Geology**

Prerequisites:

Intro Math

Credits:

4.00

Description:

Coastal environments will be analyzed with an emphasis on the important environmental characteristics of these areas. Management and environmental problems within the coastal and offshore areas such as beach erosion, beach access, and oil spills will be considered. One required field trip.

Term:

Offered Spring Term

- **SCI-L251 Intro Coastal Geology I Lab**

Prerequisites:

SCI 251 must be taken concurrently

Credits:

1.00

Description:

An introduction to laboratory and field techniques used in the geological study of coastal environments. Field trips will be taken to local coastal areas.

Term:

Offered Spring Term



2017-2018 Archived Catalog Information

Sociology

The Sociology Department offers a challenging and stimulating curriculum that prepares students to engage as critical thinkers and active citizens within a diverse global society. The program of study combines a broad curriculum within sociology with an option to specialize in specific concentrations within the major. Minors in General Sociology, Crime & Justice, Health & Society, and Education Studies are also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

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Major Requirements: 9 courses, 36 credits

The major in Sociology consists of 9 courses (36 credits). Students will select one of four concentrations:

- Crime & Justice

- General Sociology
- Health & Society
- Youth & Community Engagement

Due to the sequencing and prerequisites of some required courses, students should plan to take their introductory-level course during their first year at Suffolk.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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The concentration in Crime & Justice gives students the knowledge and skills to enter, and be effective in, the various fields of adult and juvenile justice, youth development, community justice, criminal justice, victim advocacy, and human services.

Major Requirements with Crime & Justice Concentration: 9 courses, 36 credits

Core Requirements (4 courses, 16 credits)

- **SOC-214 Research Methods in Sociology**

Prerequisites:

SOC 113 or 116 with C or better & one other SOC course. Cannot be taken concurrently with SOC 310,315,or 333.

Credits:

4.00

Description:

How sociologists decide what to study, how they select a research design, sample and collect data, analyze results, interpret findings, and write up reports. Students are introduced to the techniques most frequently used by sociologists and undertake their own small research project. Required for all Sociology majors.

Term:

Offered Both Fall and Spring

- **SOC-333 Sociology of Crime**

Prerequisites:

SOC-113 or SOC-116 with a minimum grade of C and 1 additional SOC course. Cannot be taken concurrently with SOC-214

Credits:

4.00

Description:

The question Why is there crime? lies at the heart of this course. This class will address what we mean by crime, who gets to define what crime is, how crime can be explained and how it can be reduced. Making sense of crime is essential if we are to respond effectively to victims and offenders. This course offers an in-depth examination of the many different theories of crime. These include biological, psychological, and sociological theories of victimization and offending. The course will study these theories in the context of many different kinds of criminal offending. By the end of the course, students will have a deep understanding of where these theories came from; what their strengths and weaknesses are; whether they are supported by research findings; and what implications these theories have for stopping crime.

- **SOC-433 Senior Seminar**

Prerequisites:

SOC 113 or 116 (with a grade of C or better) SOC 214, and SOC 315 or 333. Seniors only. Required of all majors.

Credits:

4.00

Description:

This course explores contemporary topics in crime and justice, interrelating empirical and theoretical analyses. Topical areas vary by semester and by instructor. Students engage in a substantial research project to demonstrate mastery. Required for all students in the Crime and Justice Concentration.

Choose one of the following:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

In addition to earning a minimum passing grade of “C” in an introductory (100-level) Sociology course, Sociology major and minor students must take and pass one other Sociology course before taking Research Methods in Sociology (SOC-214) or Sociology of Crime (SOC-333).

Concentration Requirements (3 courses, 12 credits)

- **SOC-234 Crime and Justice in American Society**

Credits:

4.00

Description:

An overview of issues and social variables involved in the pre-arrest and arrest stages followed by a more in-depth analysis of pre-trial, trial, sentencing, and correctional phases. Sociological and criminal justice models are examined and compared with the actual processes and purported functions of criminal justice agencies. Required for all majors in the Crime and Justice Concentration.

Term:

Offered Both Fall and Spring

Choose two of the following Crime & Justice electives; at least one of these must be at the 300-level:

- **SOC-209 Youth in American Society**

Credits:

4.00

Description:

The goal of the course is to provide a broad overview of children and youth and their place in American society. Particular attention is paid to (1) the impact of geographical location, social class, gender, race, sexuality, popular culture, mass media, and technology; (2) the intersection of youth cultures and mainstream society; and (3) the contention that some youth cultures are deviant.

- **SOC-210 Juvenile Justice and the Law**

Credits:

4.00

Description:

Considers the problems surrounding the legal definition and handling of juveniles who confront the law as offenders, clients and victims. Attention is devoted to the study of the special legal categories and procedures established for juveniles, the problems facing professionals providing juvenile services and the most significant directions of legal and social change affecting youth in our society. Normally offered every year. Fulfills the Sociology Department's Social Policy requirement.

- **SOC-211 Corrections and Punishment**

Prerequisites:

Take SOC-234 or SOC-333;

Credits:

4.00

Description:

A sociological exploration of coercive and incapacitative responses to crime. Attention is given to the origins and patterning of segregative controls, the correctional claims of prison systems, alternatives to incarceration and relationships between types of crime, and criminals and varieties of punitive response.

Term:

Occasional

- **SOC-230 Bad Girls**

Credits:

4.00

Description:

This class explores the images of the traditional bad girl in films. The course examines the idea of moving beyond merely the delinquent, many images in film suggest that girls and women who break with the socially condoned role of femininity are somehow bad. Girls and women who have power or challenge authority are often portrayed in films as deviant and therefore bad. Girls and women who are frigid are just as bad as their sexually promiscuous silver-screen opposites. This course further focuses on the impact of these images on real life social roles for girls and women as well as the symbiotic relationship between fact and fiction.

Term:

Occasional

- **SOC-232 Street Gangs**

Credits:

4.00

Description:

This course provides an overview of youth gangs and their sociological underpinnings, which are rooted in poverty and racism. Topical areas are discussed in relation to these key factors. Study topics include the history of gangs, theories about gang formation and individual membership, gangs and criminal behavior, socio-cultural importance of gangs, and strategies to control gang behavior. The course will utilize current gang issues in the US generally and in Massachusetts in particular as a basis to better understand the nuances of youth gangs.

- **SOC-236 Deviance and Social Control**

Credits:

4.00

Description:

Who and what is deviant? How shall the society respond? The course examines a range of deviance theories and associated social policies. A number of case studies will be used to evaluate these theories, such as body piercing, witchcraft, gay and lesbian sexuality, corporate crime, disability, prostitution, violence against women, racism, anti-Semitism, and gangs.

Term:

Offered Both Fall and Spring

• SOC-237 School to Prison Pipeline

Credits:

4.00

Description:

This course will examine the mechanisms through which U.S. social institutions, particularly schools, facilitate youth involvement in the juvenile and criminal justice systems. These mechanisms include: inequity, disability tracking, zero-tolerance policies, push-out, and the criminalization of adolescent behavior. Students will engage in activities aimed at analyzing these processes and developing methods to disrupt them at the social, political, educational, and instructional levels.

• SOC-275 Women and Crime

Credits:

4.00

Description:

This course examines the complex relationships between women and crime today. This focus will include women as criminal offenders; women as victims of crime; and women as both offenders and victims. Course materials draw from recent feminist scholarship on these issues in the social sciences. Topics include the causes of women's crime women, drugs, and crime; child abuse and trauma; prostitution and sex trafficking; race, gender and victimization; and feminist social movements against violence. Crimes of violence against women are a central focus in the course.

Term:

Occasional

- **SOC-301 Sociology of Law**

Credits:

4.00

Description:

Law and legal systems are examined in contemporary society. Emphasis is placed on the manner in which legal structures and processes interact with other social arrangements and are transformed over time.

- **SOC-305 Crime and Mental Illness In Contemporary US**

Credits:

4.00

Description:

Incarcerated and criminalized Americans suffer from extraordinarily high rates of physical and mental illnesses ranging from Hepatitis C, tuberculosis and HIV/AIDS to bipolar disorder, PTSD, substance abuse, and schizophrenia. This course explores connections between illness and involvement with the correctional system from the perspective of the individual offender as well as in terms of broader American cultural and political patterns.

- **SOC-332 Restorative Justice**

Credits:

4.00

Description:

The purpose of this course is to introduce students to the principles of restorative justice and to examine the programs, practices and policies within schools, juvenile justice and the adult criminal justice system which implement a restorative practices. Restorative justice is a different philosophy of responding to harm which provides new roles for the victim, offender, community and professionals . We will compare a restorative approach to crime with the traditional system of discipline and crime control and critique the shortcomings of an adversarial or retributive response to criminal behavior. We will explore the theoretical and historical origins of traditional justice systems and restorative approaches. We will also examine how these ideas are being applied in practical partnerships between the justice system and the community here in the United States and around the world.

- **SOC-334 Sociology of Policing**

Prerequisites:

SOC 333 or SOC 234

Credits:

4.00

Description:

An investigation of the emergence, organization, and structure of police systems. The course focuses on the conditions surrounding the relationship between the police and policed in different historical, cultural, political, and economic contexts.

Term:

Occasional

- **SOC-336 Probation and Parole**

Prerequisites:

SOC-234 or SOC-333;

Credits:

4.00

Description:

Correctional theories are reviewed along with the historical development of probation and parole. Current research and analytical perspectives reflecting on administrative problems, innovative policies and the internal philosophical inconsistencies of these systems are examined.

- **SOC-338 White Collar Crime**

Credits:

4.00

Description:

An examination of the relationship between crime, business activity, and technology with special attention to the crimes of the powerful and the changing relationship between economic development and criminal activity.

Term:

Occasional

- **SOC-340 Licit/Lethal: America's Drug Problem**

Credits:

4.00

Description:

Most Americans think of prohibited substances such as marijuana, cocaine or heroin when they hear the word drug. This course will provide an in-depth examination of legal drug use in American society. A broad conceptual framework will be presented that illustrates how history, politics, society and economics all have played a key role in defining certain substances as permissible in America. Fulfills the Sociology Department Social Policy and Globalization requirements.

Term:

Offered Fall Term

- **SOC-341 International Drug Control Policy**

Credits:

4.00

Description:

Relying on a simplistic demand or supply explanation of why Americans use/abuse drugs obscures the reality of America's drug problem, is ineffective as a guide to public policy and has unforeseen, often negative consequences. Drug use is a complex and multi-faceted issue. There are no easy answers. To comprehend the complexity of America's drug problem one needs an understanding of the geography, history, religion, law, economics and international politics of the Middle and Far East, Eastern Europe, Africa, Mexico, and Central and South America. This class will provide this basic understanding without losing sight that the problem we seek to remedy is our own.

Term:

- **SOC-342 Law, Health & Human Rights**

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

- **SOC-347 Immigration Law and Policy**

Prerequisites:

Prerequisite: SOC 113 or SOC 116 OR Instructor's consent

Credits:

4.00

Description:

This course examines U.S. Immigration legislation and policies, focusing on how and why various immigration laws and policies have been established and implemented throughout history. We will address the intersection between immigration policy and race, ethnicity, nationality and socioeconomic status, as well as explore the effects that immigration laws have had on various immigrant groups and society in general.

Term:

Occasional

Sociology Electives (2 courses, 8 credits)

Students must choose two courses in Sociology from outside the Crime & Justice concentration.



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The concentration in General Sociology gives students broad sociological knowledge and skills that prepare them for graduate study or for a variety of careers.

Major Requirements with General Sociology Concentration: 9 courses, 36 credits

Core Requirements for General Sociology (4 courses, 16 Credits)

- **SOC-214 Research Methods in Sociology**

Prerequisites:

SOC 113 or 116 with C or better & one other SOC course. Cannot be taken concurrently with SOC 310,315,or 333.

Credits:

4.00

Description:

How sociologists decide what to study, how they select a research design, sample and collect data, analyze results, interpret findings, and write up reports. Students are introduced to the techniques most frequently used by sociologists and undertake their own small research project. Required for all Sociology majors.

Term:

Offered Both Fall and Spring

- **SOC-433 Senior Seminar**

Prerequisites:

SOC 113 or 116 (with a grade of C or better) SOC 214, and SOC 315 or 333. Seniors only. Required of all majors.

Credits:

4.00

Description:

This course explores contemporary topics in crime and justice, interrelating empirical and theoretical analyses. Topical areas vary by semester and by instructor. Students engage in a substantial research project to demonstrate mastery. Required for all students in the Crime and Justice Concentration.

Choose one of the following:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

Choose one of the following:

• SOC-315 Social Conflict and Social Change

Prerequisites:

SOC 113 or 116 with a grade of C or better and one other SOC course; CANNOT be taken concurrently with SOC 214;

Credits:

4.00

Description:

An examination and comparison of the origin, development and structure of the major theoretical approaches in contemporary sociology. Contributions of different branches of sociology to theory are explored with special attention to the relevance of sociological explanations for society and the social process. Students must have taken SOC 113 or SOC 116 and passed with a C or better and one other course from the sociology department. Normally offered every semester.

Term:

Occasional

• SOC-333 Sociology of Crime

Prerequisites:

SOC-113 or SOC-116 with a minimum grade of C and 1 additional SOC course. Cannot be taken concurrently with SOC-214

Credits:

4.00

Description:

The question Why is there crime? lies at the heart of this course. This class will address what we mean by crime, who gets to define what crime is, how crime can be explained and how it can be reduced. Making sense of crime is essential if we are to respond effectively to victims and offenders. This course offers an in-depth examination of the many different theories of crime. These include biological, psychological, and sociological theories of victimization and offending. The course will study these theories in the context of many different kinds of criminal offending. By the end of the course, students will have a deep understanding of where these theories came from; what their strengths and weaknesses are; whether they are supported by research findings; and what implications these theories have for stopping crime.

In addition to the 16 credits in the required core, students in General Sociology are required to take five additional Sociology electives (20 credits); at least one of these must be at the 200-level, and at least two must be at the 300-level. Students are strongly encouraged, in consultation with their advisors, to select courses that provide a broad and balanced knowledge of the discipline of sociology.

In addition to earning a minimum passing grade of “C” in an introductory (100-level) Sociology course, Sociology majors and minors must take and pass one other Sociology course before taking Research Methods in Sociology (SOC-214) or a sociological theory course (SOC-315 or SOC-333).



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Health & Society Concentration

The Health & Society concentration prepares students for employment in the health care sector by providing students with an understanding of the ways in which cultural patterns influence bodies and health; a comprehensive overview of the social, economic, and political forces that shape the American health

care system; an understanding of the global inequalities that give rise to disparities in health status; and an understanding of the health experiences of men, women, children, the elderly, and other populations.

Major Requirements with Health & Society Concentration: 9 courses, 36 credits

Core Requirements (4 courses, 16 credits)

- **SOC-214 Research Methods in Sociology**

Prerequisites:

SOC 113 or 116 with C or better & one other SOC course. Cannot be taken concurrently with SOC 310,315,or 333.

Credits:

4.00

Description:

How sociologists decide what to study, how they select a research design, sample and collect data, analyze results, interpret findings, and write up reports. Students are introduced to the techniques most frequently used by sociologists and undertake their own small research project. Required for all Sociology majors.

Term:

Offered Both Fall and Spring

- **SOC-315 Social Conflict and Social Change**

Prerequisites:

SOC 113 or 116 with a grade of C or better and one other SOC course; CANNOT be taken concurrently with SOC 214;

Credits:

4.00

Description:

An examination and comparison of the origin, development and structure of the major theoretical approaches in contemporary sociology. Contributions of different branches of sociology to theory are explored with special attention to the relevance of sociological explanations for society and the social

process. Students must have taken SOC 113 or SOC 116 and passed with a C or better and one other course from the sociology department. Normally offered every semester.

Term:

Occasional

- **SOC-433 Senior Seminar**

Prerequisites:

SOC 113 or 116 (with a grade of C or better) SOC 214, and SOC 315 or 333. Seniors only. Required of all majors.

Credits:

4.00

Description:

This course explores contemporary topics in crime and justice, interrelating empirical and theoretical analyses. Topical areas vary by semester and by instructor. Students engage in a substantial research project to demonstrate mastery. Required for all students in the Crime and Justice Concentration.

Choose one of the following:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

In addition to earning a minimum passing grade of “C” in an introductory (100-level) Sociology course, Sociology majors and minors must take and pass one other Sociology course before taking Research Methods in Sociology (SOC-214) or Social Conflict and Social Change (SOC-315).

Concentration Requirements (3 courses, 12 credits)

- **SOC-253 Sociology of Health and Illness**

Credits:

4.00

Description:

This course provides students with an introduction to how social norms, structures, and practices shape experiences of illness and health. Among the topics that will be covered are: health and the environment, the reasons some groups of people are less healthy than others, living with chronic illness

and disabilities, and public debates surrounding issues such as performance enhancing drugs and sports, Attention Deficit Disorder and the HPV vaccine. Required for all students in the health, Medicine and the Body Concentration.

Term:

Occasional

- **SOC-254 SL-U.S. Health Care Landscapes**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. In this course, students will learn about how the U.S. health care system works. We will study the politics and economics of the health care system and discuss the key health care policy issues of this decade. Using the theoretical perspectives provided by sociology, we will look at issues of power, hierarchy, race, and gender vis-a-vis the health care system. Reading for this course centers on first person narratives by people working in the health care system. This course fulfills the ECR requirement.

Term:

Occasional

Type:

Service Learning

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

Concentration Electives (1 course, 4 credits)

Choose one of the following Health & Society electives:

- **SOC-256 Sociology of Aging**

Credits:

4.00

Description:

Consideration of the physiological, psychological and social factors associated with the aging process. Contemporary American values toward the elderly are compared and contrasted with historical and cross-cultural studies. Current opportunities and techniques enabling the elderly to enrich and expand their societal roles are explored.

Term:

Occasional

- **SOC-276 Sex and Society**

Credits:

4.00

Description:

An examination of human sexuality as experience and institution. Sexuality is considered in relationship to power, love, religion, family, race, gender, sexual orientation, violence and courtship.

Term:

Occasional

- **SOC-303 How Pocahontas Lives: the Health of Native American Women and Girls**

Credits:

4.00

Description:

Native American women and girls experience many threats to their well-being: polluted environments, violence, and the continuation of colonial practices mean that their lives are at risk. Dominant political, economic, and cultural norms do little to protect them. Yet Native American women and girls can and do assert their right to well-being as they choose to define it, achieving health and self-determination. This class will examine the indigenous women and girls of the United States, to consider the continued impact of colonialism on women's health and the role of self determination in creating opportunities for the improvement of Native American women's health.

- **SOC-305 Crime and Mental Illness In Contemporary US**

Credits:

4.00

Description:

Incarcerated and criminalized Americans suffer from extraordinarily high rates of physical and mental illnesses ranging from Hepatitis C, tuberculosis and HIV/AIDS to bipolar disorder, PTSD, substance abuse, and schizophrenia. This course explores connections between illness and involvement with the correctional system from the perspective of the individual offender as well as in terms of broader American cultural and political patterns.

- **SOC-306 Population and Society**

Credits:

4.00

Description:

An introduction to demography or the study of population and its size, structure, and the ways it changes over time. Demographers study love, death and adventures, or the different patterns of fertility, mortality, and migration across the globe. The social causes and consequences of high mortality and fertility in sub-Saharan Africa, rapid fertility decline in China, and low fertility and mortality in western Europe are examined. Demographic approaches to social problems like world famine, teen pregnancy, HIV/AIDS pandemic, and social security system budget deficits are also considered.

- **SOC-340 Licit/Lethal: America's Drug Problem**

Credits:

4.00

Description:

Most Americans think of prohibited substances such as marijuana, cocaine or heroin when they hear the word drug. This course will provide an in-depth examination of legal drug use in American society. A broad conceptual framework will be presented that illustrates how history, politics, society and economics all have played a key role in defining certain substances as permissible in America. Fulfills the Sociology Department Social Policy and Globalization requirements.

Term:

Offered Fall Term

- **SOC-341 International Drug Control Policy**

Credits:

4.00

Description:

Relying on a simplistic demand or supply explanation of why Americans use/abuse drugs obscures the reality of America's drug problem, is ineffective as a guide to public policy and has unforeseen, often negative consequences. Drug use is a complex and multi-faceted issue. There are no easy answers. To comprehend the complexity of America's drug problem one needs an understanding of the geography, history, religion, law, economics and international politics of the Middle and Far East, Eastern Europe, Africa, Mexico, and Central and South America. This class will provide this basic understanding without losing sight that the problem we seek to remedy is our own.

Term:

Offered Spring Term

- **SOC-342 Law, Health & Human Rights**

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

- **SOC-354 Death and Dying**

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- **SOC-355 Women and Health**

Credits:

4.00

Description:

An exploration of topics that relate particularly to women as providers and consumers in the health care system. The course will consider historical and current information on issues of reproduction, technology, health and illness.

Term:

Occasional

Sociology Electives (1 course, 4 credits)

Choose one additional Sociology elective from outside the Health & Society concentration.



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Youth & Community Engagement Concentration

The Youth & Community Engagement concentration is designed for students preparing to work with children, teens, and young adults in a variety of settings that do not require teacher certification. The Youth & Community Engagement concentration explores a range of complex societal issues related to youth in local and global educational and community contexts. The concentration provides a strong theoretical framework needed to understand contemporary

educational and community issues affecting youth. Students will explore the transformative power of education, relationship building, and effective programming to positively impact youth development. The concentration is grounded on foundational sociological and educational courses supplemented by an array of experiential opportunities (service learning and internships). This concentration is designed to prepare students for various careers in education related fields, non-profit agencies, and religious, cultural, and community organizations that specialize in youth outreach and programming.

Majors Requirements with Youth & Community Engagement Concentration: 9 courses, 36 credits

Core Requirements (4 courses, 16 credits)

- **SOC-214 Research Methods in Sociology**

Prerequisites:

SOC 113 or 116 with C or better & one other SOC course. Cannot be taken concurrently with SOC 310,315,or 333.

Credits:

4.00

Description:

How sociologists decide what to study, how they select a research design, sample and collect data, analyze results, interpret findings, and write up reports. Students are introduced to the techniques most frequently used by sociologists and undertake their own small research project. Required for all Sociology majors.

Term:

Offered Both Fall and Spring

- **SOC-433 Senior Seminar**

Prerequisites:

SOC 113 or 116 (with a grade of C or better) SOC 214, and SOC 315 or 333. Seniors only. Required of all majors.

Credits:

4.00

Description:

This course explores contemporary topics in crime and justice, interrelating empirical and theoretical analyses. Topical areas vary by semester and by instructor. Students engage in a substantial research project to demonstrate mastery. Required for all students in the Crime and Justice Concentration.

Choose one of the following:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-308 Sociology of Education**

Credits:

4.00

Description:

Education is key in a democracy in which students need to develop themselves into knowledgeable people, with a strong sense of self, able to think critically with a developed ability to question others and to feel and act as empowered, active citizens. This is a tall order given the varieties of pressures on schools these days. But it is extremely important for these skills to be developed. With the shift in the economy, schools are going to be the critical factor in enabling students to compete in a globalized workplace and world.

Choose one of the following:

- **SOC-315 Social Conflict and Social Change**

Prerequisites:

SOC 113 or 116 with a grade of C or better and one other SOC course; CANNOT be taken concurrently with SOC 214;

Credits:

4.00

Description:

An examination and comparison of the origin, development and structure of the major theoretical approaches in contemporary sociology. Contributions of different branches of sociology to theory are explored with special attention to the relevance of sociological explanations for society and the social process. Students must have taken SOC 113 or SOC 116 and passed with a C or better and one other course from the sociology department. Normally offered every semester.

Term:

Occasional

- **SOC-333 Sociology of Crime**

Prerequisites:

SOC-113 or SOC-116 with a minimum grade of C and 1 additional SOC course. Cannot be taken concurrently with SOC-214

Credits:

4.00

Description:

The question Why is there crime? lies at the heart of this course. This class will address what we mean by crime, who gets to define what crime is, how crime can be explained and how it can be reduced. Making sense of crime is essential if we are to respond effectively to victims and offenders. This course offers an in-depth examination of the many different theories of crime. These include biological, psychological, and sociological theories of victimization and offending. The course will study these theories in the context of many different kinds of criminal offending. By the end of the course, students will have a deep understanding of where these theories came from; what their strengths and weaknesses are; whether they are supported by research findings; and what implications these theories have for stopping crime.

In addition to earning a minimum passing grade of “C” in an introductory (100-level) Sociology course, Sociology major and minor students must take and pass one other Sociology course before taking Research Methods in Sociology (SOC-214), Social Conflict and Social Change (SOC-315) or Sociology of Crime (SOC-333).

Concentration Requirements (3 courses, 12 credits)

- **SOC-209 Youth in American Society**

Credits:

4.00

Description:

The goal of the course is to provide a broad overview of children and youth and their place in American society. Particular attention is paid to (1) the impact of geographical location, social class, gender, race, sexuality, popular culture, mass media, and technology; (2) the intersection of youth cultures and mainstream society; and (3) the contention that some youth cultures are deviant.

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

- **EDUC-408 Youth Programming**

Credits:

4.00

Description:

This course focuses on the exploration and understanding of issues, strategies and frameworks related to developing and implementing youth programs. Students will be exposed to developmental theories, and various components of effective youth programmatic planning. Topics include: conducting needs assessments, developing goals and objectives, logistics planning, recruitment and training, and program evaluation.

Concentration Electives (1 course, 4 credits)

Choose one of the following:

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- EDUC-414 Urban Schooling

Credits:

4.00

Description:

This course is an in-depth investigation of policies effecting urban schools; topics include: demographic influence on education, influences of national and state regulations on urban schools, sociological factors unique to urban schools, and in-depth analysis of equity and achievement.

Term:

Occasional

- GVT-339 Community Advocacy

Prerequisites:

GVT 110 OR GVT 120

Credits:

4.00

Description:

This course represents a unique opportunity for students to develop a general understanding of the relationship between politics and the community; a systematic and holistic way of viewing and analyzing the impact of community- based, community-wide organizations and efforts. Normally offered alternate years.

- GVT-357 Power & Politics in America's Cities

Prerequisites:

GVT 110/120 OR INSTRUCTOR'S PERMISSION Junior status or above

Credits:

4.00

Description:

This online course is uniquely designed to examine the power dynamics and struggles that characterize the urban political landscape. Mayor leadership and corruption, community engagement and apathy, and resource and public service expansion and retraction will be critically examined as key elements that can help some cities grow and hasten the decline of others. Within an online environment we will study the dynamic cities of New York City, Chicago, Atlanta, Boston, Cleveland, Detroit, and New Orleans. Additionally, we will examine broader trends that emerge from and examination of cities by size and region.

- **SOC-210 Juvenile Justice and the Law**

Credits:

4.00

Description:

Considers the problems surrounding the legal definition and handling of juveniles who confront the law as offenders, clients and victims. Attention is devoted to the study of the special legal categories and procedures established for juveniles, the problems facing professionals providing juvenile services and the most significant directions of legal and social change affecting youth in our society. Normally offered every year. Fulfills the Sociology Department's Social Policy requirement.

- **SOC-223 Families in Contemporary Society**

Credits:

4.00

Description:

An exploration of the diversity of contemporary families. Comparisons are made between the cultural myths of the ideal family and the lived realities. Challenges confronting contemporary families and their implications for social policy are examined in such areas as work/family conflicts, gay and lesbian families, welfare, family violence.

Term:

Occasional

- **SOC-227 Race in American Society**

Credits:

4.00

Description:

Despite the election of Barack Obama as President of the United States, race remains one of the most divisive forces in U.S. society. While many of us struggle against racism, racial classification continues to affect where we live, where we work, and how we see ourselves. Racial classification affects our access to health care and our encounters with police officers. Distorted images of racial groups fill television and movie screens. Appeals to racism and fear of foreigners are dominant themes in elections to state and national offices. This course examines the formation and re-formation of racial classifications: how particular groups become racially identified, how these classifications change over time, and how conflicts over race have shaped American society. The meanings of race, as seen from a variety of perspectives, will be a consistent theme throughout the course.

Term:

Occasional

- **SOC-228 Cultural, Global and Social Perspectives**

Credits:

4.00

Description:

Enables students to examine, as well as develop an awareness and appreciation of, diversity within today's society. Providing an overview of the major racial, ethnic, and cultural groups in the U.S., the focus is on the ways in which cultural awareness enhances professional helping relationships and improves the operation of human services systems.

Term:

Occasional

- **SOC-230 Bad Girls**

Credits:

4.00

Description:

This class explores the images of the traditional bad girl in films. The course examines the idea of moving beyond merely the delinquent, many images in film suggest that girls and women who break with the socially condoned role of femininity are somehow bad. Girls and women who have power or challenge authority are often portrayed in films as deviant and therefore bad. Girls and women who are frigid are just as bad as their sexually promiscuous silver-screen opposites. This course further focuses on the impact of these images on real life social roles for girls and women as well as the symbiotic relationship between fact and fiction.

Term:

Occasional

- **SOC-232 Street Gangs**

Credits:

4.00

Description:

This course provides an overview of youth gangs and their sociological underpinnings, which are rooted in poverty and racism. Topical areas are discussed in relation to these key factors. Study topics include the history of gangs, theories about gang formation and individual membership, gangs and criminal behavior, socio-cultural importance of gangs, and strategies to control gang behavior. The course will utilize current gang issues in the US generally and in Massachusetts in particular as a basis to better understand the nuances of youth gangs.

- **SOC-332 Restorative Justice**

Credits:

4.00

Description:

The purpose of this course is to introduce students to the principles of restorative justice and to examine the programs, practices and policies within schools, juvenile justice and the adult criminal justice system which implement a restorative practices. Restorative justice is a different philosophy of responding to harm which provides new roles for the victim, offender, community and professionals . We will compare a restorative approach to crime with the traditional system of discipline and crime control and critique the shortcomings of an adversarial or retributive response to criminal behavior. We will explore the theoretical and historical origins of traditional justice systems and restorative approaches. We will also examine how these ideas are being applied in practical partnerships between the justice system and the community here in the United States and around the world.

- **SOC-333 Sociology of Crime**

Prerequisites:

SOC-113 or SOC-116 with a minimum grade of C and 1 additional SOC course. Cannot be taken concurrently with SOC-214

Credits:

4.00

Description:

The question Why is there crime? lies at the heart of this course. This class will address what we mean by crime, who gets to define what crime is, how crime can be explained and how it can be reduced. Making sense of crime is essential if we are to respond effectively to victims and offenders. This course offers an in-depth examination of the many different theories of crime. These include biological, psychological, and sociological theories of victimization and offending. The course will study these theories in the context of many different kinds of criminal offending. By the end of the course, students will have a deep understanding of where these theories came from; what their strengths and weaknesses are; whether they are supported by research findings; and what implications these theories have for stopping crime.

- **SOC-343 Child Welfare Services**

Credits:

4.00

Description:

A survey of the historical development and current composition of services for children, including income maintenance, daycare, foster and institutional care and the adoption process.

Term:

Occasional

- **SOC-344 Community Organization**

Credits:

4.00

Description:

A study of the different types and functions of communities. Through identifying community needs, resources, and structure, students learn effective ways to organize for change.

- **SOC-406 The Immigrant Experience**

Prerequisites:

SOC-113 or SOC-116 and 4 credits of a SOC course at the 200 level or above

Credits:

4.00

Description:

The United States of America: A land of immigrants; The Great Melting Pot. This country has indeed attracted immigrants from all over the world. However, not all have been welcomed or treated equally. This course will investigate the reasons various immigrant groups (past and present) have come to the United States. We will also examine their experiences and the impact race, ethnicity, gender, class and social structures have had on them. During Spring Break the class will visit Ellis Island and the Tenement Museum in New York and the Lowell National Historical Park in Lowell. The class will also visit various sites in Boston throughout the semester.

Type:

Local Engagement Experience

- **PSYCH-241 Social Psychology**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Studies the social determinants of the behavior of individuals in relation to groups and surveys current research findings in such major content areas as attribution, prejudice, conformity, obedience, social cognition, interpersonal attraction, altruism, and aggression. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **PSYCH-334 Adolescent Development**

Prerequisites:

PSYCH-114 and sophomore standing

Credits:

4.00

Description:

Examines the physical, cognitive, emotional and social aspects of adolescence. Attention is given to identity, parent-adolescent relationships, values, sexuality, and career development as well as psychopathology, drug use and abuse, delinquency, and alienation. Normally offered yearly.

Term:

Offered Fall Term

Experiential Requirement (1 course, 4 credits)

Choose one of the following:

- **EDUC-203 Service Learning: Pre-K Outreach and Tutoring**

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring in an educational setting, or community organization, in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

- **EDUC-205 SL-Community Tutoring Project**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00- 8.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. Students complete 35 hours per semester of educational tutoring in a local school (K-5), in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Local Engagement Experience, Service Learning

- **EDUC-215 Service Learning Jumpstart Community Literacies**

Credits:

4.00

Description:

This course is designed for Jumpstart Corps members to develop competencies in teaching strategies for reading and writing. The course introduces theoretical and instructional issues in the development of literacy skills. Students will be engaged in reflective, critical consideration of students' diverse needs in the acquisition of literacy.

- **EDUC-415 Practicum: Middle School Teaching**

Prerequisites:

Coordinator of Student Teaching or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a middle school. See regulations regarding student teaching.

Term:

Offered Spring Term

- **PSYCH-334 Adolescent Development**

Prerequisites:

PSYCH-114 and sophomore standing

Credits:

4.00

Description:

Examines the physical, cognitive, emotional and social aspects of adolescence. Attention is given to identity, parent-adolescent relationships, values, sexuality, and career development as well as psychopathology, drug use and abuse, delinquency, and alienation. Normally offered yearly.

Term:

Offered Fall Term

- **SOC-483 Internship in Sociology I**

Prerequisites:

Students must be Sociology majors with at least a 3.0 GPA; must have at least sophomore status at the time of application; must have one full day free each week to work an internship. Applications for the Internship in Sociology I course must be approved by the Instructor.

Credits:

4.00

Description:

Students are provided with the opportunity to apply academic learning in a supervised internship consistent with their personal career goals or academic interest. The course covers such topics as career exploration and development, resume and cover letter writing, job fairs, and networking, and graduate school applications. In addition to the course assignments, students are required to complete a minimum full day internship each per week during the entire semester.

Term:

Offered Both Fall and Spring

• **SOC-484 Internship in Sociology II**

Prerequisites:

SOC 483. Students must be Sociology majors with at least a 3.0 GPA; must have at least sophomore status at the time of application; must have one full day free each week to work an internship. Applications for the Internship in Sociology I course must be approved by the Instructor.

Credits:

4.00

Description:

Students are provided an opportunity to intensify or extend their internship experience. The course covers such topics as mock interviewing, informational interviewing, and job fairs.

Term:

Offered Both Fall and Spring



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Crime & Justice Minor

Core Requirements (3 courses, 12 credits)

- SOC-234 Crime and Justice in American Society

Credits:

4.00

Description:

An overview of issues and social variables involved in the pre-arrest and arrest stages followed by a more in-depth analysis of pre-trial, trial, sentencing, and correctional phases. Sociological and criminal justice models are examined and compared with the actual processes and purported functions of criminal justice agencies. Required for all majors in the Crime and Justice Concentration.

Term:

Offered Both Fall and Spring

Choose one of the following:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

Students must earn a grade of "C" or better in either of these classes in order to enroll in SOC 214 (Research Methods) or SOC 333 (Sociology of Crime).

Choose one of the following:

- **SOC-214 Research Methods in Sociology**

Prerequisites:

SOC 113 or 116 with C or better & one other SOC course. Cannot be taken concurrently with SOC 310,315,or 333.

Credits:

4.00

Description:

How sociologists decide what to study, how they select a research design, sample and collect data, analyze results, interpret findings, and write up reports. Students are introduced to the techniques most frequently used by sociologists and undertake their own small research project. Required for all Sociology majors.

Term:

Offered Both Fall and Spring

- **SOC-333 Sociology of Crime**

Prerequisites:

SOC-113 or SOC-116 with a minimum grade of C and 1 additional SOC course. Cannot be taken concurrently with SOC-214

Credits:

4.00

Description:

The question Why is there crime? lies at the heart of this course. This class will address what we mean by crime, who gets to define what crime is, how crime can be explained and how it can be reduced. Making sense of crime is essential if we are to respond effectively to victims and offenders. This course offers an in-depth examination of the many different theories of crime. These include biological, psychological, and sociological theories of victimization and offending. The course will study these theories in the context of many different kinds of criminal offending. By the end of the course, students will have a deep understanding of where these theories came from; what their strengths and weaknesses are; whether they are supported by research findings; and what implications these theories have for stopping crime.

Elective Courses (2 courses, 8 credits)

Students may choose any two courses from the Crime & Justice electives list; at least one of which must be at the 300-level.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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General Sociology Minor

Core Requirements (2 courses, 8 credits)

Choose one of the following:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

Students must earn a grade of "C" or better in either of these classes in order to enroll in a research methods (SOC 214) or sociological theory class (SOC 315 or SOC 333).

Choose one of the following:

- **SOC-214 Research Methods in Sociology**

Prerequisites:

SOC 113 or 116 with C or better & one other SOC course. Cannot be taken concurrently with SOC 310,315,or 333.

Credits:

4.00

Description:

How sociologists decide what to study, how they select a research design, sample and collect data, analyze results, interpret findings, and write up reports. Students are introduced to the techniques most frequently used by sociologists and undertake their own small research project. Required for all Sociology majors.

Term:

Offered Both Fall and Spring

- **SOC-315 Social Conflict and Social Change**

Prerequisites:

SOC 113 or 116 with a grade of C or better and one other SOC course; CANNOT be taken concurrently with SOC 214;

Credits:

4.00

Description:

An examination and comparison of the origin, development and structure of the major theoretical approaches in contemporary sociology. Contributions of different branches of sociology to theory are explored with special attention to the relevance of sociological explanations for society and the social process. Students must have taken SOC 113 or SOC 116 and passed with a C or better and one other course from the sociology department. Normally offered every semester.

Term:

Occasional

- **SOC-333 Sociology of Crime**

Prerequisites:

SOC-113 or SOC-116 with a minimum grade of C and 1 additional SOC course. Cannot be taken concurrently with SOC-214

Credits:

4.00

Description:

The question Why is there crime? lies at the heart of this course. This class will address what we mean by crime, who gets to define what crime is, how crime can be explained and how it can be reduced. Making sense of crime is essential if we are to respond effectively to victims and offenders. This course offers an in-depth examination of the many different theories of crime. These include biological, psychological, and sociological theories of victimization and offending. The course will study these theories in the context of many different kinds of criminal offending. By the end of the course, students will have a deep understanding of where these theories came from; what their strengths and weaknesses are; whether they are supported by research findings; and what implications these theories have for stopping crime.

Elective Courses (3 courses, 12 credits)

Students may choose any three Sociology electives; at least one of which must be at the 300-level

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Health & Society Minor

Core Requirements (3 courses, 12 credits)

- SOC-253 Sociology of Health and Illness

Credits:

4.00

Description:

This course provides students with an introduction to how social norms, structures, and practices shape experiences of illness and health. Among the topics that will be covered are: health and the environment, the reasons some groups of people are less healthy than others, living with chronic illness and disabilities, and public debates surrounding issues such as performance enhancing drugs and sports, Attention Deficit Disorder and the HPV vaccine. Required for all students in the health, Medicine and the Body Concentration.

Term:

Occasional

• **SOC-254 SL-U.S. Health Care Landscapes**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. In this course, students will learn about how the U.S. health care system works. We will study the politics and economics of the health care system and discuss the key health care policy issues of this decade. Using the theoretical perspectives provided by sociology, we will look at issues of power, hierarchy, race, and gender vis-a-vis the health care system. Reading for this course centers on first person narratives by people working in the health care system. This course fulfills the ECR requirement.

Term:

Occasional

Type:

Service Learning

Choose one of the following:

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

Students must earn a grade of "C" or better in either of these classes.

Elective Courses (2 courses, 8 credits)

Students may choose any two courses from the Health & Society electives list; at least one of which must be at the 300-level.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



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Degree Requirements

1. Students admitted to this dual degree program must meet all the requirements of an undergraduate Sociology, Crime & Justice concentration program.
2. Students must also meet all requirements for the Master of Science in Crime & Justice Studies.

3. The two graduate courses taken during the senior year will count toward BOTH the undergraduate and graduate degree requirements. Credit hours will be awarded based on the graduate course description.
4. Before enrolling in any Master's level courses, students must obtain approval for classes through the MSCJS graduate program director.
5. Students are subject to the usual standards for academic standing, i.e., undergraduate standards for undergraduate courses and graduate standards for graduate courses.

Upon successful completion of all of the degree requirements, a student will receive a dual Bachelor's and Master's degree. The exact degree will be awarded based on the specific undergraduate program the student completes. A student may permanently exit the dual degree program and opt to graduate with a Bachelor's degree if all the requirements for a Bachelor's degree have been met. In this case, the graduate courses taken in the senior year will be counted as 4-credit courses applied toward the undergraduate degree requirements.



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Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Crime & Justice Concentration](#)
- [General Sociology Concentration](#)
- [Health & Society Concentration](#)
- [Youth & Community Engagement Concentration](#)
- [Crime & Justice Minor Requirements](#)
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- [Health & Society Minor Requirements](#)
- [Accelerated Bachelor's/Master's Degree in Crime & Justice Studies](#)
- [Honors](#)
- [Societies](#)
- [Sociology Courses](#)

CAS honor students who are majoring in Sociology are required to take an honors course and must complete an honors project/paper in the Senior Seminar in Sociology (SOC-433).

- SOC-433 Senior Seminar

Prerequisites:

SOC 113 or 116 (with a grade of C or better) SOC 214, and SOC 315 or 333. Seniors only. Required of all majors.

Credits:

4.00

Description:

This course explores contemporary topics in crime and justice, interrelating empirical and theoretical analyses. Topical areas vary by semester and by instructor. Students engage in a substantial research project to demonstrate mastery. Required for all students in the Crime and Justice Concentration.



2017-2018 Archived Catalog Information

Sociology

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Alpha Kappa Delta

Alpha Kappa Delta is the National Honor Society for Sociology majors who have demonstrated excellence in sociology. Its purpose is to promote in each of the various chapters an interest in sociology, research in social problems, and activities leading to human welfare. The Suffolk Chapter has been designated

lota of Massachusetts. To be eligible for membership, candidates must be of junior or senior status, have a 3.3 average overall, and a 3.0 average in Sociology courses taken at the host institution. Students must have taken at least four courses in Sociology at Suffolk.

Alpha Phi Sigma

An affiliate organization of the Academy of Criminal Justice Sciences, Alpha Phi Sigma is the National Honor Society for students majoring in fields related to criminal justice sciences. To qualify for membership students must have

1. a cumulative grade point average of 3.2,
2. a 3.2 average in criminal justice courses,
3. completed at least three full-time semesters or the equivalent, and
4. successfully completed at least four courses in the crime and justice field at Suffolk.

The Suffolk University Chapter of Alpha Phi Sigma is Gamma Psi.



2017-2018 Archived Catalog Information

Sociology

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- [Honors](#)
- [Societies](#)
- [Sociology Courses](#)

- CJ-481 Crime and Communities

Credits:

4.00

Description:

Core required course for Master of Science in Crime and Justice Program. This course will examine the relationship among crime, criminal justice and the community as well as the impact of crime on local neighborhoods and community institutions. The role of the community in the criminal justice system and processes of social control are also examined. Topics covered include: local measurement of crime statistics; community policing; prevention and early intervention strategies; community corrections and intermediate sanctions. Strategies for empowering local communities to address the quality of life in the urban environment are also explored.

Term:

Offered Spring Term

- **EDUC-110 Introduction to Education**

Credits:

4.00

Description:

Working with children and adolescents is a facet of many professions. This course will introduce students to the study of education occurring in formal and informal settings. This course focuses on the relationships among, and between, teachers, discourse, and community. Students will glean insight into the relationship of school and society as well as power and control in American Education. Required of all education minors. Five hours of field work required.

Term:

Offered Both Fall and Spring

- **EDUC-202 Educational Psychology**

Credits:

4.00

Description:

Examines the nature and development of human abilities and the teaching-learning process. Considers the facts and generalizations of child and adolescent growth and development, working with diverse cultures, and special needs children in school settings. Ten hours of field work.

Term:

Offered Both Fall and Spring

- **EDUC-203 Service Learning: Pre-K Outreach and Tutoring**

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring in an educational setting, or community organization, in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

- **EDUC-205 SL-Community Tutoring Project**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00- 8.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. Students complete 35 hours per semester of educational tutoring in a local school (K-5), in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Local Engagement Experience, Service Learning

- **EDUC-208 Service Learning: College Access**

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring and coaching in an educational setting, or a community organization in conjunction with a weekly seminar on campus. Programs include COACH, Connections to College, and others. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

- **EDUC-209 Reading and Writing in the Classroom**

Credits:

4.00

Description:

Students will become knowledgeable about the various approaches to teaching reading and writing in the content areas. This course is designed for teaching the necessary literacy skills in both Middle School and High School. Topics include: formal and informal assessment techniques, differentiation of instruction, diagnosing problems and integrating reading and writing into curriculum and instruction.

- **EDUC-210 Service Learning: Alternative Spring Break**

Prerequisites:

Open to all majors, Instructor's signature required

Credits:

4.00

Description:

Students complete all research, travel, and reporting requirements in conjunction with Suffolk University's Alternative Spring Break. Open to all majors. No previous experience required.

Term:

Offered Spring Term

- **EDUC-214 SL-Introduction to Teaching**

Credits:

4.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. This course introduces students to the basic competencies of school teaching. Topics include: lesson planning, classroom management, grouping for instruction, effective pedagogical practices, assessment methods, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks/common core state standards. Field observations (25 hours) required.

Type:

Service Learning

- **EDUC-215 Service Learning Jumpstart Community Literacies**

Credits:

4.00

Description:

This course is designed for Jumpstart Corps members to develop competencies in teaching strategies for reading and writing. The course introduces theoretical and instructional issues in the development of literacy skills. Students will be engaged in reflective, critical consideration of students' diverse needs in the acquisition of literacy.

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

- **EDUC-312 Curriculum and Pedagogy: Middle and Secondary School**

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Introduces students to the basic competencies of Middle and Secondary school teaching. Topics include: behavioral problems, classroom management, grouping for instruction, motivation and reward systems, individualized instruction, IEP's, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks developed by the Massachusetts Department of Education. Field observations and experiences are grounded in theoretical discussion as students begin to develop their personal philosophies of education. Field observations (40 hours) required. Required prior to student teaching.

Term:

Offered Fall Term

- **EDUC-313 Classroom Communication**

Credits:

4.00

Description:

Examines communication between and among teachers and students in the classroom setting. Topics include: communication apprehension, building oral fluency, use of media technology to enhance student learning, cooperative learning, and related professional and legal responsibilities of teachers. Ten pre-practicum observation hours required for Teacher Candidates.

Term:

Offered Spring Term

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **EDUC-316 TESOL Practice**

Prerequisites:

Take EDUC-315

Credits:

4.00

Description:

Students will have opportunities to put the theories and techniques learned in EDUC 315- Strategies for Working with English Learners into practice. Students will be placed in various Suffolk University sites or classrooms where they will work to meet the specific needs and challenges of educating

various language and cultural groups. Students will be required to spend 30 hours working in their placements. Students will attend a weekly seminar where connections between theory and practice are explored, experiences are shared, and Teaching & Service Portfolios will be created.

- **EDUC-402 History & Philosophy of American Education**

Credits:

4.00

Description:

Explores the evolution of schooling in the United States from The English High School to present. Theorists include: Mann, Franklin, Dewey,Sizer, and others.

Term:

Offered Spring Term

- **EDUC-408 Youth Programming**

Credits:

4.00

Description:

This course focuses on the exploration and understanding of issues, strategies and frameworks related to developing and implementing youth programs. Students will be exposed to developmental theories, and various components of effective youth programmatic planning. Topics include: conducting needs assessments, developing goals and objectives, logistics planning, recruitment and training, and program evaluation.

- **EDUC-414 Urban Schooling**

Credits:

4.00

Description:

This course is an in-depth investigation of policies effecting urban schools; topics include: demographic influence on education, influences of national and state regulations on urban schools, sociological factors unique to urban schools, and in-depth analysis of equity and achievement.

Term:

Occasional

- **EDUC-415 Practicum: Middle School Teaching**

Prerequisites:

Coordinator of Student Teaching or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a middle school. See regulations regarding student teaching.

Term:

Offered Spring Term

- **EDUC-416 Practicum: Secondary School Teaching**

Prerequisites:

Instructor's or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a secondary school. See regulations regarding student teaching.

Term:

Offered Spring Term

- **EDUC-417 Assessment Theory and Practice**

Credits:

4.00

Description:

This course examines the development of formative, summative, authentic, and alternative assessment in education. Seminal works by Archbald, Baron, Bloom, Kleinsasser, Schwab, and others comprise the theoretical component. The second half of the course is dedicated to the selection, application, and integration of formal and informal assessment strategies and tools. A final project requires students to design an assessment tool appropriate for their academic area and age level. Instructional strategies include case studies, class discussions, student presentations, and research reviews.

Term:

Offered Fall Term

- **EDUC-424 Global Issues and Trends in American Education**

Credits:

4.00

Description:

Examines major current issues of educational policy against the background of demographic trends, technological innovations, standardized testing, and curricular shifts.

Term:

Occasional

- **EDUC-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Members of the Department will meet with students to direct their research in areas of special interest to them. Projects of this sort will be authorized only in unusual circumstances upon the recommendations of the Department Chairperson and with the approval of the Dean. Offered by arrangement only.

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based

on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-209 Youth in American Society**

Credits:

4.00

Description:

The goal of the course is to provide a broad overview of children and youth and their place in American society. Particular attention is paid to (1) the impact of geographical location, social class, gender, race, sexuality, popular culture, mass media, and technology; (2) the intersection of youth cultures and mainstream society; and (3) the contention that some youth cultures are deviant.

- **SOC-210 Juvenile Justice and the Law**

Credits:

4.00

Description:

Considers the problems surrounding the legal definition and handling of juveniles who confront the law as offenders, clients and victims. Attention is devoted to the study of the special legal categories and procedures established for juveniles, the problems facing professionals providing juvenile services and the most significant directions of legal and social change affecting youth in our society. Normally offered every year. Fulfills the Sociology Department's Social Policy requirement.

- **SOC-211 Corrections and Punishment**

Prerequisites:

Take SOC-234 or SOC-333;

Credits:

4.00

Description:

A sociological exploration of coercive and incapacitative responses to crime. Attention is given to the origins and patterning of segregative controls, the correctional claims of prison systems, alternatives to incarceration and relationships between types of crime, and criminals and varieties of punitive response.

Term:

Occasional

- **SOC-212 Statistics for Sociology**

Prerequisites:

SOC-113 OR SOC-116 and MATH-128 or higher

Credits:

4.00

Description:

In this course, students will be introduced to descriptive and basic inferential statistical techniques. The course will provide information on the following topics: Description - measures of central tendency (mean, median, mode) and measures of dispersion (range, standard deviation); logic of statistical inference, including normal curve and sampling distribution; hypothesis testing with one sample and two samples; measures of association between two variables (bivariate analysis), including chi-square, regression, and correlation; and introduction to multivariate regression. Students will utilize SPSS (Statistical Package for the Social Sciences) software to input and analyze data. The goals of the course are for students to appreciate the need for statistical methods in the broad field of sociology and to gain basic statistical literacy.

Term:

Offered Both Fall and Spring

Type:

Quantitative Analysis

- **SOC-214 Research Methods in Sociology**

Prerequisites:

SOC 113 or 116 with C or better & one other SOC course. Cannot be taken concurrently with SOC 310,315,or 333.

Credits:

4.00

Description:

How sociologists decide what to study, how they select a research design, sample and collect data, analyze results, interpret findings, and write up reports. Students are introduced to the techniques most frequently used by sociologists and undertake their own small research project. Required for all Sociology majors.

Term:

Offered Both Fall and Spring

- **SOC-217 Sociology of Urban Life**

Prerequisites:

Fulfills ECR requirement

Credits:

4.00

Description:

An examination of the effects of the city on human life in its broadest as well as its most specific aspects. Greater Boston and similar communities across the nation will be studied as ecological settings, as producers and shapers of change, and as special contexts for understanding sociological ideas. Comparisons will be made among urban places in the U.S. and in other countries.

Term:

Occasional

- **SOC-220 Childhood and Adolescence in Contemporary Society**

Credits:

4.00

Description:

This course examines the development of children and adolescents from biological, psychological, and sociological perspectives. Major themes and changes associated with each developmental stage are discussed. The course explores practical implications of theory and research (parenting, juvenile justice, etc.), and current topics in child and adolescent development. Class format includes lectures discussion, debates and direct observation of children.

Term:

Occasional

- **SOC-221 Environment and Society**

Credits:

4.00

Description:

The history of the American Environmental Movement and eco-feminism will be examined as well as issues of pollution and depletion. Sustainable technologies and other current progressive programs will be addressed.

- **SOC-222 Women in Struggle on Film**

Credits:

4.00

Description:

Women's struggles in arenas from war to labor disputes will be examined through films and writings. Societal, historical and cultural contexts of women's roles in films are discussed drawing on film criticism and sociological analyses.

Term:

Occasional

- **SOC-223 Families in Contemporary Society**

Credits:

4.00

Description:

An exploration of the diversity of contemporary families. Comparisons are made between the cultural myths of the ideal family and the lived realities. Challenges confronting contemporary families and their implications for social policy are examined in such areas as work/family conflicts, gay and lesbian families, welfare, family violence.

Term:

Occasional

- **SOC-224 Families in Contemporary Society (Spain)**

Credits:

4.00

Description:

Spain has experienced major socio-demographic changes since the mid 1970s. These transformations mainly arise from the new role of women in society and, in particular, women's higher levels of education, work experience, and labor market attachment. The changes in women's labor force participation have occurred in conjunction with a progressive postponement of main family events, such as leaving the parental home, forming a partnership and having children, as well as with a reduction in the family size. Spain is, indeed, characterized as having one of the lowest low fertility levels within Western industrialized countries, a pattern that is exacerbating the ongoing process of population aging. This picture partly reflects the conflicting relationship that currently exists between women's labor force participation and the accommodation of family responsibilities: the so-called work/ family balance. Ongoing differences among countries have been accounted for by different explanatory factors that involve socio-economic, cultural and social policy dimensions. From a comparative perspective, the course is intended to cover recent debates, controversies, and research on family formation and family dilemmas in contemporary Spain.

Type:

Human Behavior & Societies

- **SOC-225 Sociology of Romance**

Credits:

4.00

Description:

The meaning of romance and courtship today and its social consequences in marriage, homogamy, stratification and divorce. The historical origins of romanticism and the sources of romance in socialization, books and magazines, television and movies, popular music and peer group membership are also considered.

Term:

Occasional

- **SOC-226 Religion in Contemporary Society**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

An examination of the fundamental purpose and functions of religion in society. Major religious systems in America are analyzed in terms of basic values and structure. The impact of changes in religious organizations upon clergy, laity and society are discussed. This class fulfills the ECR requirement.

Term:

Occasional

- **SOC-227 Race in American Society**

Credits:

4.00

Description:

Despite the election of Barack Obama as President of the United States, race remains one of the most divisive forces in U.S. society. While many of us struggle against racism, racial classification continues to affect where we live, where we work, and how we see ourselves. Racial classification affects our access to health care and our encounters with police officers. Distorted images of racial groups fill television and movie screens. Appeals to racism and fear of foreigners are dominant themes in elections to state and national offices. This course examines the formation and re-formation of racial classifications: how particular groups become racially identified, how these classifications change over time, and how conflicts over race have shaped American society. The meanings of race, as seen from a variety of perspectives, will be a consistent theme throughout the course.

Term:

Occasional

- **SOC-228 Cultural, Global and Social Perspectives**

Credits:

4.00

Description:

Enables students to examine, as well as develop an awareness and appreciation of, diversity within today's society. Providing an overview of the major racial, ethnic, and cultural groups in the U.S., the focus is on the ways in which cultural awareness enhances professional helping relationships and improves the operation of human services systems.

Term:

Occasional

- **SOC-229 Social Class and Inequality**

Credits:

4.00

Description:

This course examines the difference between the life experience of those who are rich, poor and middle class. Topics include: the elite in Boston, theories of inequality; blue collar neighborhoods, the hard living poor, and ethnic and sexual stratification.

Term:

Occasional

- **SOC-230 Bad Girls**

Credits:

4.00

Description:

This class explores the images of the traditional bad girl in films. The course examines the idea of moving beyond merely the delinquent, many images in film suggest that girls and women who break with the socially condoned role of femininity are somehow bad. Girls and women who have power or challenge authority are often portrayed in films as deviant and therefore bad. Girls and women who are frigid are just as bad as their sexually promiscuous silver-screen opposites. This course further focuses on the impact of these images on real life social roles for girls and women as well as the symbiotic relationship between fact and fiction.

Term:

Occasional

- **SOC-232 Street Gangs**

Credits:

4.00

Description:

This course provides an overview of youth gangs and their sociological underpinnings, which are rooted in poverty and racism. Topical areas are discussed in relation to these key factors. Study topics include the history of gangs, theories about gang formation and individual membership, gangs and criminal behavior, socio-cultural importance of gangs, and strategies to control gang behavior. The course will utilize current gang issues in the US generally and in Massachusetts in particular as a basis to better understand the nuances of youth gangs.

- **SOC-234 Crime and Justice in American Society**

Credits:

4.00

Description:

An overview of issues and social variables involved in the pre-arrest and arrest stages followed by a more in-depth analysis of pre-trial, trial, sentencing, and correctional phases. Sociological and criminal justice models are examined and compared with the actual processes and purported functions of criminal justice agencies. Required for all majors in the Crime and Justice Concentration.

Term:

Offered Both Fall and Spring

- **SOC-236 Deviance and Social Control**

Credits:

4.00

Description:

Who and what is deviant? How shall the society respond? The course examines a range of deviance theories and associated social policies. A number of case studies will be used to evaluate these theories, such as body piercing, witchcraft, gay and lesbian sexuality, corporate crime, disability, prostitution, violence against women, racism, anti-Semitism, and gangs.

Term:

Offered Both Fall and Spring

- **SOC-237 School to Prison Pipeline**

Credits:

4.00

Description:

This course will examine the mechanisms through which U.S. social institutions, particularly schools, facilitate youth involvement in the juvenile and criminal justice systems. These mechanisms include: inequity, disability tracking, zero-tolerance policies, push-out, and the criminalization of

adolescent behavior. Students will engage in activities aimed at analyzing these processes and developing methods to disrupt them at the social, political, educational, and instructional levels.

- **SOC-238 Cops & Robbers: Crime on Film**

Credits:

4.00

Description:

An examination of images of crime and justice portrayed in the American cinema. Special attention is paid to the social and historical forces that have shaped popular representations of good and evil during the modern era.

Term:

Occasional

- **SOC-239 Men and Violence**

Credits:

4.00

Description:

An exploration of the nature of masculinity and its connection to interpersonal and collective violence in American society. The course focuses on the emotional, spiritual, social and cultural roots of the crisis of boyhood and masculinity as a context for and consequence of violence.

Term:

Occasional

- **SOC-242 Law, Health & Human Rights**

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

Term:

Occasional

- **SOC-253 Sociology of Health and Illness**

Credits:

4.00

Description:

This course provides students with an introduction to how social norms, structures, and practices shape experiences of illness and health. Among the topics that will be covered are: health and the environment, the reasons some groups of people are less healthy than others, living with chronic illness and disabilities, and public debates surrounding issues such as performance enhancing drugs and sports, Attention Deficit Disorder and the HPV vaccine. Required for all students in the health, Medicine and the Body Concentration.

Term:

Occasional

- **SOC-254 SL-U.S. Health Care Landscapes**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. In this course, students will learn about how the U.S. health care system works. We will study the politics and economics of the health care system and discuss the key health care policy issues of

this decade. Using the theoretical perspectives provided by sociology, we will look at issues of power, hierarchy, race, and gender vis-a-vis the health care system. Reading for this course centers on first person narratives by people working in the health care system. This course fulfills the ECR requirement.

Term:

Occasional

Type:

Service Learning

- **SOC-256 Sociology of Aging**

Credits:

4.00

Description:

Consideration of the physiological, psychological and social factors associated with the aging process. Contemporary American values toward the elderly are compared and contrasted with historical and cross-cultural studies. Current opportunities and techniques enabling the elderly to enrich and expand their societal roles are explored.

Term:

Occasional

- **SOC-273 Women in Contemporary Society**

Credits:

4.00

Description:

A critical analysis of theory and research related to the socialization, roles and social participation of women in contemporary society.

Term:

Occasional

- **SOC-275 Women and Crime**

Credits:

4.00

Description:

This course examines the complex relationships between women and crime today. This focus will include women as criminal offenders; women as victims of crime; and women as both offenders and victims. Course materials draw from recent feminist scholarship on these issues in the social sciences. Topics include the causes of women's crime women, drugs, and crime; child abuse and trauma; prostitution and sex trafficking; race, gender and victimization; and feminist social movements against violence. Crimes of violence against women are a central focus in the course.

Term:

Occasional

- **SOC-276 Sex and Society**

Credits:

4.00

Description:

An examination of human sexuality as experience and institution. Sexuality is considered in relationship to power, love, religion, family, race, gender, sexual orientation, violence and courtship.

Term:

Occasional

- **SOC-301 Sociology of Law**

Credits:

4.00

Description:

Law and legal systems are examined in contemporary society. Emphasis is placed on the manner in which legal structures and processes interact with other social arrangements and are transformed over time.

- **SOC-303 How Pocahontas Lives: the Health of Native American Women and Girls**

Credits:

4.00

Description:

Native American women and girls experience many threats to their well-being: polluted environments, violence, and the continuation of colonial practices mean that their lives are at risk. Dominant political, economic, and cultural norms do little to protect them. Yet Native American women and girls can and do assert their right to well-being as they choose to define it, achieving health and self-determination. This class will examine the indigenous women and girls of the United States, to consider the continued impact of colonialism on women's health and the role of self determination in creating opportunities for the improvement of Native American women's health.

- **SOC-305 Crime and Mental Illness In Contemporary US**

Credits:

4.00

Description:

Incarcerated and criminalized Americans suffer from extraordinarily high rates of physical and mental illnesses ranging from Hepatitis C, tuberculosis and HIV/AIDS to bipolar disorder, PTSD, substance abuse, and schizophrenia. This course explores connections between illness and involvement with the correctional system from the perspective of the individual offender as well as in terms of broader American cultural and political patterns.

- **SOC-306 Population and Society**

Credits:

4.00

Description:

An introduction to demography or the study of population and its size, structure, and the ways it changes over time. Demographers study love, death and adventures, or the different patterns of fertility, mortality, and migration across the globe. The social causes and consequences of high mortality

and fertility in sub-Saharan Africa, rapid fertility decline in China, and low fertility and mortality in western Europe are examined. Demographic approaches to social problems like world famine, teen pregnancy, HIV/AIDS pandemic, and social security system budget deficits are also considered.

- **SOC-308 Sociology of Education**

Credits:

4.00

Description:

Education is key in a democracy in which students need to develop themselves into knowledgeable people, with a strong sense of self, able to think critically with a developed ability to question others and to feel and act as empowered, active citizens. This is a tall order given the varieties of pressures on schools these days. But it is extremely important for these skills to be developed. With the shift in the economy, schools are going to be the critical factor in enabling students to compete in a globalized workplace and world.

- **SOC-312 Sex Offenders**

Credits:

4.00

Description:

This course presents an overview of the policy issues related to sex offenders. Focusing on the current scholastic research on sex offenders, students will discuss myths about sexual offenders as well as the consequences of myths on policy. The course will additionally cover the history of sex offender policies and moral panics, explanations, treatment and prevention of sex offending and victimization.

- **SOC-315 Social Conflict and Social Change**

Prerequisites:

SOC 113 or 116 with a grade of C or better and one other SOC course; CANNOT be taken concurrently with SOC 214;

Credits:

4.00

Description:

An examination and comparison of the origin, development and structure of the major theoretical approaches in contemporary sociology. Contributions of different branches of sociology to theory are explored with special attention to the relevance of sociological explanations for society and the social process. Students must have taken SOC 113 or SOC 116 and passed with a C or better and one other course from the sociology department. Normally offered every semester.

Term:

Occasional

- **SOC-321 Identity, Self and Society**

Credits:

4.00

Description:

This course explores the emergence of the self as an intersection of biography, history and social structure. Emphasis is on modern , Western societies. Conceptually, we will take a life course approach which emphasizes processes of psychosocial, moral, intellectual, and spiritual development for contemporary men and women. This course is designed in part as a workshop where students will develop the skills and insights essential for conducting life history research and biographical studies that are sociological in focus.

Term:

Occasional

- **SOC-322 Tough Guise**

Credits:

4.00

Description:

Representations of masculinity in contemporary societies are examined in terms of their social sources and consequences. Images and scripts for doing masculinity are explored through case studies of film, television, sports, advertising, comic books, video games, music and other media that define what it means to be a man.

Term:

Occasional

- **SOC-325 Popular Culture in America**

Prerequisites:

Prerequisite: SOC 113 or SOC 116.

Credits:

4.00

Description:

An investigation of the images of life provided by mass communications, the educational system and official culture. Topics include: the growth of the youth culture since the 1950s; images of working people; women, minorities and advertising; changing ideas of success; consciousness-raising and contra-cultures.

Term:

Occasional

- **SOC-327 Special Topics: General Sociology**

Credits:

4.00

Description:

A course with special interest topics in sociology which changes depending on the professor.

Term:

Occasional

- **SOC-329 Sociology of Globalization**

Prerequisites:

Prerequisite: SOC 113 or SOC 116.

Credits:

4.00

Description:

Globalization is shrinking the world. How and why did this happen? This course will explore global change and the global processes which effect key social institutions: culture, the economy and politics. Students will study the processes of globalization and its impact on our lives and people around the globe.

Term:

Occasional

- **SOC-330 Race and Human Rights**

Prerequisites:

Prerequisite: SOC 113 or SOC 116

Credits:

4.00

Description:

What are the roles of race and ethnicity from a global perspective? A global racial hierarchy determines who experiences privilege or oppression. Students will examine how the meanings of race and ethnicity can vary by location and how they matter globally.

Term:

Occasional

- **SOC-331 Violence Against Women**

Credits:

4.00

Description:

This course focuses on the many forms of violence against women, with particular attention to child sexual abuse, rape, and violence and abuse in intimate relationships. These crimes have been the subject of intense political organizing, cultural controversy, and criminal-legal reform over the past 40 years. Together these issues account for a significant portion of the work of the police and the courts. They are also major issues in women's health over the life span. This course will address these issues from psychological, sociological, political, and criminal-legal perspectives.

- **SOC-332 Restorative Justice**

Credits:

4.00

Description:

The purpose of this course is to introduce students to the principles of restorative justice and to examine the programs, practices and policies within schools, juvenile justice and the adult criminal justice system which implement a restorative practices. Restorative justice is a different philosophy of responding to harm which provides new roles for the victim, offender, community and professionals . We will compare a restorative approach to crime with the traditional system of discipline and crime control and critique the shortcomings of an adversarial or retributive response to criminal behavior. We will explore the theoretical and historical origins of traditional justice systems and restorative approaches. We will also examine how these ideas are being applied in practical partnerships between the justice system and the community here in the United States and around the world.

- **SOC-333 Sociology of Crime**

Prerequisites:

SOC-113 or SOC-116 with a minimum grade of C and 1 additional SOC course. Cannot be taken concurrently with SOC-214

Credits:

4.00

Description:

The question Why is there crime? lies at the heart of this course. This class will address what we mean by crime, who gets to define what crime is, how crime can be explained and how it can be reduced. Making sense of crime is essential if we are to respond effectively to victims and offenders. This course offers an in-depth examination of the many different theories of crime. These include biological, psychological, and sociological theories of victimization and offending. The course will study these theories in the context of many different kinds of criminal offending. By the end of the course, students will have a deep understanding of where these theories came from; what their strengths and weaknesses are; whether they are supported by research findings; and what implications these theories have for stopping crime.

- **SOC-334 Sociology of Policing**

Prerequisites:

SOC 333 or SOC 234

Credits:

4.00

Description:

An investigation of the emergence, organization, and structure of police systems. The course focuses on the conditions surrounding the relationship between the police and policed in different historical, cultural, political, and economic contexts.

Term:

Occasional

- **SOC-336 Probation and Parole**

Prerequisites:

SOC-234 or SOC-333;

Credits:

4.00

Description:

Correctional theories are reviewed along with the historical development of probation and parole. Current research and analytical perspectives reflecting on administrative problems, innovative policies and the internal philosophical inconsistencies of these systems are examined.

- **SOC-337 Juvenile Justice and the Law**

Credits:

4.00

Description:

Considers the problems surrounding the legal definition and handling of juveniles who confront the law as offenders, clients and victims. Attention is devoted to the study of the special legal categories and procedures established for juveniles, the problems facing professionals providing juvenile services and the most significant directions of legal and social change affecting youth in our society. Normally offered every year. Fulfills the Sociology Department's Social Policy requirement.

- **SOC-338 White Collar Crime**

Credits:

4.00

Description:

An examination of the relationship between crime, business activity, and technology with special attention to the crimes of the powerful and the changing relationship between economic development and criminal activity.

Term:

Occasional

- **SOC-340 Licit/Lethal: America's Drug Problem**

Credits:

4.00

Description:

Most Americans think of prohibited substances such as marijuana, cocaine or heroin when they hear the word drug. This course will provide an in-depth examination of legal drug use in American society. A broad conceptual framework will be presented that illustrates how history, politics, society and economics all have played a key role in defining certain substances as permissible in America. Fulfills the Sociology Department Social Policy and Globalization requirements.

Term:

Offered Fall Term

- **SOC-341 International Drug Control Policy**

Credits:

4.00

Description:

Relying on a simplistic demand or supply explanation of why Americans use/abuse drugs obscures the reality of America's drug problem, is ineffective as a guide to public policy and has unforeseen, often negative consequences. Drug use is a complex and multi-faceted issue. There are no easy answers. To comprehend the complexity of America's drug problem one needs an understanding of the geography, history, religion, law, economics and international politics of the Middle and Far East, Eastern Europe, Africa, Mexico, and Central and South America. This class will provide this basic understanding without losing sight that the problem we seek to remedy is our own.

Term:

Offered Spring Term

- **SOC-342 Law, Health & Human Rights**

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

- **SOC-343 Child Welfare Services**

Credits:

4.00

Description:

A survey of the historical development and current composition of services for children, including income maintenance, daycare, foster and institutional care and the adoption process.

Term:

Occasional

- **SOC-344 Community Organization**

Credits:

4.00

Description:

A study of the different types and functions of communities. Through identifying community needs, resources, and structure, students learn effective ways to organize for change.

- **SOC-347 Immigration Law and Policy**

Prerequisites:

Prerequisite: SOC 113 or SOC 116 OR Instructor's consent

Credits:

4.00

Description:

This course examines U.S. Immigration legislation and policies, focusing on how and why various immigration laws and policies have been established and implemented throughout history. We will address the intersection between immigration policy and race, ethnicity, nationality and socioeconomic status, as well as explore the effects that immigration laws have had on various immigrant groups and society in general.

Term:

Occasional

- **SOC-354 Death and Dying**

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- **SOC-355 Women and Health**

Credits:

4.00

Description:

An exploration of topics that relate particularly to women as providers and consumers in the health care system. The course will consider historical and current information on issues of reproduction, technology, health and illness.

Term:

Occasional

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

- **SOC-379 Anthropological Perspectives in Spain**

Credits:

4.00

Description:

The recent changes in both Spain and Portugal are only the latest in a series of important transformations which these two countries have undergone over the past fifty years or so. In that time, they have both gone from being predominantly rural societies where the majority of the population live and work on the land to becoming industrial societies not unlike those of northern Europe and North America. Yet the underlying cultural heterogeneity of the peoples of the Iberian Peninsula has meant that different regions have often had very distinct actions to the various pressures toward political, economic, and social change. This seminar will examine the ethnographic diversity of the Iberian Peninsula in its regional manifestations, using a specifically anthropological approach in order to better comprehend present-day Spain and Portugal. Offered on Madrid Campus only. 1 term - 4 credits

Type:

Global Engagement Experience

- **SOC-390 The Prison Experience, Literature and Film**

Credits:

4.00

Description:

An examination of prison writings, films, and the actual experience of prison life from literary and sociological perspectives. Students will have an opportunity to examine their own perspectives of the prison as a symbol and shadow in American Society and compare these impressions with the actual experience of inmates, correctional officers and others who have lived in the prison nation.

Term:

Occasional

- **SOC-406 The Immigrant Experience**

Prerequisites:

SOC-113 or SOC-116 and 4 credits of a SOC course at the 200 level or above

Credits:

4.00

Description:

The United States of America: A land of immigrants; The Great Melting Pot. This country has indeed attracted immigrants from all over the world. However, not all have been welcomed or treated equally. This course will investigate the reasons various immigrant groups (past and present) have come to the United States. We will also examine their experiences and the impact race, ethnicity, gender, class and social structures have had on them. During Spring Break the class will visit Ellis Island and the Tenement Museum in New York and the Lowell National Historical Park in Lowell. The class will also visit various sites in Boston throughout the semester.

Type:

Local Engagement Experience

- **SOC-433 Senior Seminar**

Prerequisites:

SOC 113 or 116 (with a grade of C or better) SOC 214, and SOC 315 or 333. Seniors only. Required of all majors.

Credits:

4.00

Description:

This course explores contemporary topics in crime and justice, interrelating empirical and theoretical analyses. Topical areas vary by semester and by instructor. Students engage in a substantial research project to demonstrate mastery. Required for all students in the Crime and Justice Concentration.

- **SOC-483 Internship in Sociology I**

Prerequisites:

Students must be Sociology majors with at least a 3.0 GPA; must have at least sophomore status at the time of application; must have one full day free each week to work an internship. Applications for the Internship in Sociology I course must be approved by the Instructor.

Credits:

4.00

Description:

Students are provided with the opportunity to apply academic learning in a supervised internship consistent with their personal career goals or academic interest. The course covers such topics as career exploration and development, resume and cover letter writing, job fairs, and networking, and graduate school applications. In addition to the course assignments, students are required to complete a minimum full day internship each per week during the entire semester.

Term:

Offered Both Fall and Spring

• **SOC-484 Internship in Sociology II**

Prerequisites:

SOC 483. Students must be Sociology majors with at least a 3.0 GPA; must have at least sophomore status at the time of application; must have one full day free each week to work an internship. Applications for the Internship in Sociology I course must be approved by the Instructor.

Credits:

4.00

Description:

Students are provided an opportunity to intensify or extend their internship experience. The course covers such topics as mock interviewing, informational interviewing, and job fairs.

Term:

Offered Both Fall and Spring

• **SOC-510 Independent Study**

Credits:

4.00

Description:

Members of the department hold special meetings with students and direct them in investigating topics of interest in sociology. Arrangements for independent study must be approved by the supervising instructor and the Department Chairperson.

Term:

Offered Both Fall and Spring



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2017-2018 Archived Catalog Information

Spanish

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Spanish Courses](#)

Major Requirements: 11 courses, 41 credits

Core Requirements (3 courses, 9 credits)

- **CAS-201 College to Career: Explore Your Options And Find Your Path**

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

- **SPAN-201 Intermediate Spanish I**

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

Reviews Spanish grammar and examines Spanish through authentic materials of cultural interest. Students develop written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

Modern Language

Choose one of the following:

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

Modern Language

- **SPAN-205 Intensive Intermediate Spanish**

Prerequisites:

SPAN 201 or or Instructor's consent

Credits:

4.00

Description:

A writing and reading intensive course for students who are thinking about minoring and possibly majoring in Spanish. There will be a brief review of grammar, but the primary materials will come from the textbook, LAZOS, with ancillary materials from the print media and audio-visual sources. A weekly tertulia will be required instead of language lab.

Term:

Alternates Fall & Spring

Note:

To qualify for admittance to the major, a student must complete the core requirements with an average grade of "B."

Advanced Courses (8 courses, 32 credits)

- **SPAN-315 Spanish for the Professions**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

Integrates language learning with culture via business context of the Hispanic world. Spanish for banking and finance, marketing and advertising, and international commerce are highlighted. Students increase their cross-cultural understanding and written and oral proficiency in business Spanish through a wide range of assignments.

Type:

Global Engagement Experience

Choose one of the following:

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

Choose two of the following:

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

- **SPAN-303 Modern and Contemporary Latin America**

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

- **SPAN-305 Living in Translation**

Prerequisites:

SPAN 250, 290, or 300 or Instructor's consent.

Credits:

4.00

Description:

Examines the process and theory of translation. Materials are drawn from the literary world, the mass media (i.e. advertising, marketing, news, entertainment), and professional sources. Students gain further insights about the linguistic, cultural, and ethical dimensions of the field. Additional grammar review provided as needed.

Term:

Occasional

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

- **SPAN-427 U.S. Mexican Border in the New Millennium**

Prerequisites:

SPAN 290 or 300 or Instructor's consent

Credits:

4.00

Description:

Explores the literature, culture, and history of the United States-Mexico Border, and analyzes the profound changes that the gain/loss of territories created by the Treaty of Guadalupe Hidalgo caused for the citizens in the region. Emphasis is on contemporary border theatre and film. Students read works of Salcedo, Galindo, Mijares, Rascon Banda, among others, and examine contemporary films and documentaries such as *Senorita Extraviada*, *Victoria para Chino*, and *Crossing Arizona*.

Term:

Occasional

Choose four additional electives above SPAN-300

Note:

A maximum of two courses from the following list can count toward the major:

- **SPAN-408 Latin American Cinema**

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

- **SPAN-416 Border Crossings/The Latino Experience In the Usa**

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, House on Mango Street, Junot Diaz, The Brief Wondrous Life of Oscar Wao, Julia Alvarez, How the Garcia Girls Lost Their Accents, Tato Laviera, and American.

Term:

Occasional

- **SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film**

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

A maximum of four courses taken at other institutions or as part of a department-approved study abroad program in a Spanish-speaking country may apply toward the major.

Any Seminar for Freshmen with a topic related to the Spanish-speaking world (e.g., culture, politics, society) counts toward the major.

AP Credit:

Incoming students who receive a score of "4" or "5" on the AP Spanish examination have fulfilled the SPAN-201, SPAN-202/205 core requirement for the major.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Spanish

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Spanish Courses](#)

Minor Requirements: 6 courses, 24 credits

Core Requirements (2 courses, 8 credits)

- SPAN-201 Intermediate Spanish I

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

Reviews Spanish grammar and examines Spanish through authentic materials of cultural interest. Students develop written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

Modern Language

Choose one of the following:

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

Modern Language

- **SPAN-205 Intensive Intermediate Spanish**

Prerequisites:

SPAN 201 or or Instructor's consent

Credits:

4.00

Description:

A writing and reading intensive course for students who are thinking about minoring and possibly majoring in Spanish. There will be a brief review of grammar, but the primary materials will come from the textbook, LAZOS, with ancillary materials from the print media and audio-visual sources. A weekly tertulia will be required instead of language lab.

Term:

Alternates Fall & Spring

Note:

To qualify for admittance to the minor, a student must complete the core requirements with an average grade of "B."

Advanced Courses (4 courses, 16 credits)

Choose one of the following:

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

Modern Language

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

Choose one of the following:

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on

reading and films.

Term:

Alternates Fall & Spring

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

- **SPAN-303 Modern and Contemporary Latin America**

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The

cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

- **SPAN-305 Living in Translation**

Prerequisites:

SPAN 250, 290, or 300 or Instructor's consent.

Credits:

4.00

Description:

Examines the process and theory of translation. Materials are drawn from the literary world, the mass media (i.e. advertising, marketing, news, entertainment), and professional sources. Students gain further insights about the linguistic, cultural, and ethical dimensions of the field. Additional grammar review provided as needed.

Term:

Occasional

- **SPAN-315 Spanish for the Professions**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

Integrates language learning with culture via business context of the Hispanic world. Spanish for banking and finance, marketing and advertising, and international commerce are highlighted. Students increase their cross-cultural understanding and written and oral proficiency in business Spanish through a wide range of assignments.

Type:

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

- **SPAN-427 U.S. Mexican Border in the New Millennium**

Prerequisites:

SPAN 290 or 300 or Instructor's consent

Credits:

4.00

Description:

Explores the literature, culture, and history of the United States-Mexico Border, and analyzes the profound changes that the gain/loss of territories created by the Treaty of Guadalupe Hidalgo caused for the citizens in the region. Emphasis is on contemporary border theatre and film. Students read works of Salcedo, Galindo, Mijares, Rascon Banda, among others, and examine contemporary films and documentaries such as *Senorita Extraviada*, *Victoria para Chino*, and *Crossing Arizona*.

Term:

Occasional

Choose two electives above SPAN-300

Note:

A maximum of one course from the following list can count toward the minor:

- **SPAN-408 Latin American Cinema**

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

- **SPAN-416 Border Crossings/The Latino Experience In the Usa**

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, and *American*.

Term:

Occasional

• SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

AP and Other Credit:

Incoming students who receive a score of "4" or "5" on the AP Spanish examination have fulfilled the SPAN-201, SPAN-202/205 core requirement for the minor.

A maximum of two courses taken at other institutions or as part of a department-approved study abroad program in a Spanish-speaking country may apply toward the minor.

Any Seminar for Freshmen with a topic related to the Spanish-speaking world (e.g., culture, politics, society) may count toward the minor with the approval of the minor advisor.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Spanish

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Spanish Courses](#)

In order to be considered for honors in Spanish, a student must satisfy the following criteria:

1. Students interested in honors should consult with the department chair during the spring semester of the junior year. Qualifying students must have a 3.2 overall GPA as well as a 3.5 or higher GPA in Spanish courses.
2. Honors candidates should register for SPAN-502 in the fall semester of the senior year. Under the guidance of a faculty member, they will use this course to complete a research paper. This paper will be evaluated by all professors in the student's field of study. If the evaluation is positive, the student will make an oral presentation of the paper in the spring.

• SPAN-502 Honors Thesis

Prerequisites:

Senior standing & permission of the Dept. Chair

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Offered Fall Term



2017-2018 Archived Catalog Information

Spanish

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Spanish Courses](#)

- SPAN-101 Elementary Spanish I

Credits:

4.00

Description:

Practice in both oral and written language skills. Class activities are organized around cultural themes that reflect the diversity of the Hispanic world and its interconnectedness with the rest of the world. Weekly laboratory sessions required.

Term:

Offered Fall Term

- SPAN-102 Elementary Spanish II

Prerequisites:

SPAN 101 or Instructor's consent

Credits:

4.00

Description:

Continues skills development from 101. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

Modern Language

- **SPAN-201 Intermediate Spanish I**

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

Reviews Spanish grammar and examines Spanish through authentic materials of cultural interest. Students develop written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

Modern Language

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

Modern Language

- **SPAN-H202 Honors Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

A continuation of skills development from 201. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

- **SPAN-203 Intensive Intermediate Spanish**

Prerequisites:

SPAN 201 or or Instructor's consent

Credits:

4.00

Description:

A writing and reading intensive course for students who are thinking about minoring and possibly majoring in Spanish. There will be a brief review of grammar, but the primary materials will come from the textbook, LAZOS, with ancillary materials from the print media and audio-visual sources. A weekly tertulia will be required instead of language lab.

Term:

Alternates Fall & Spring

- **SPAN-205 Intensive Intermediate Spanish**

Prerequisites:

SPAN 201 or or Instructor's consent

Credits:

4.00

Description:

A writing and reading intensive course for students who are thinking about minoring and possibly majoring in Spanish. There will be a brief review of grammar, but the primary materials will come from the textbook, LAZOS, with ancillary materials from the print media and audio-visual sources. A weekly tertulia will be required instead of language lab.

Term:

Alternates Fall & Spring

- **SPAN-210 Spanish in the Workplace**

Credits:

4.00

Description:

This course is designed for students who have successfully completed Spanish (201) at Suffolk or its equivalent elsewhere. Through a systematic review of grammar, a diversity of readings, and oral as well as written work, students will increase their lexical and grammatical knowledge of Spanish language specific to the workplace in order to communicate more easily and comfortably. Students will also be better prepared to deal with the specific themes related to business introduced in the course. (This course is not for Spanish minors or majors, but may be taken as a free elective.)

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

Modern Language

- **SPAN-295 Spanish in the Workplace**

Credits:

4.00

Description:

This course is designed for students who have successfully completed Spanish (201) at Suffolk or its equivalent elsewhere. Through a systematic review of grammar, a diversity of readings, and oral as well as written work, students will increase their lexical and grammatical knowledge of Spanish language specific to the workplace in order to communicate more easily and comfortably. Students will also be better prepared to deal with the specific themes related to business introduced in the course. (This course is not for Spanish minors or majors, but may be taken as a free elective.)

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

• SPAN-302 Indigenous and Colonial Latin America

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

• SPAN-303 Modern and Contemporary Latin America

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

- **SPAN-305 Living in Translation**

Prerequisites:

SPAN 250, 290, or 300 or Instructor's consent.

Credits:

4.00

Description:

Examines the process and theory of translation. Materials are drawn from the literary world, the mass media (i.e. advertising, marketing, news, entertainment), and professional sources. Students gain further insights about the linguistic, cultural, and ethical dimensions of the field. Additional grammar review provided as needed.

Term:

Occasional

- **SPAN-315 Spanish for the Professions**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

Integrates language learning with culture via business context of the Hispanic world. Spanish for banking and finance, marketing and advertising, and international commerce are highlighted. Students increase their cross-cultural understanding and written and oral proficiency in business Spanish through a wide range of assignments.

Type:

Global Engagement Experience

- **SPAN-340 Hispanic Culture Today: Trans-Atlantic Perspective**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

An examination of key issues in Hispanic culture today through the study of literature, film, music and TV. The purpose of the course is twofold: To introduce the students to major themes in recent Hispanic society and culture and, to develop the necessary skills to read and analyze literary texts and other cultural forms. Topics to be discussed include dictatorship and democracy, women and representation, political and domestic violence, national identity, immigration, and mass culture. The selected materials will include texts by authors like Manuel Rivas, Mario Vargas Llosa, Carlos Fuentes, Cristina Peri Rossi, Rosa Montero, Carlos Monsivais, and Roberto Bolano among others. (Madrid campus only)

- **SPAN-350 Spanish Cultural Studies**

Credits:

4.00

Description:

This is an interdisciplinary course that will examine the historical and socio-economic causes of contemporary Spanish culture. Material will be drawn from a variety of sources including: history, sociology, gender studies, literature and philosophy. Extensive reference will be made to the non-Western cultures which have made Spain what it is today. (Usually taught in English). (Madrid campus only)

- **SPAN-360 Madrid Cosmopolitan City**

Prerequisites:

SPAN-290 or SPAN-300 or Instructor's consent

Credits:

4.00

Description:

This course is designed to provide students with a basic knowledge of the city of Madrid in terms of its historical, cultural, and social development. Contemporary aspects of the city such as its rise to prominence amongst the capitals of Europe and the phenomenon of recent immigration patterns will also be discussed. All classes will be conducted in Spanish. Specific grammar points will be reviewed as needed. (Madrid campus only)

Type:

Global Engagement Experience

- **SPAN-365 Spanish Cities: An Ongoing Transformation**

Prerequisites:

Take SPAN-290; Taught in Spanish

Credits:

4.00

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

- **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

Explores the relationship between social history, cultural identity and artistic expression through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, mass culture and gender are among the topics examined. Readings include novel, short story, poetry and drama. Films and documentaries further illustrate the connections between society and text.

Term:

Occasional

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

- **SPAN-408 Latin American Cinema**

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

- **SPAN-410 Representation and Reality in Spanish Cinema**

Credits:

4.00

Description:

This course offers the students a panoramic view of the most representative Spanish films from the 1950's until today, with special emphasis on its social, political, artistic and cultural context. Films will be viewed in Spanish with English subtitles. Conducted in English, the course will be open to both non-majors in Spanish as well as to advanced-level Spanish majors and minors, with the latter carrying out their written work and individual meetings with the instructor in Spanish.

- **SPAN-416 Border Crossings/The Latino Experience In the Usa**

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, and *American*.

Term:

Occasional

- **SPAN-417 Changes in Social Values in Spain 1975 - 2005**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent. SPAN 350 is strongly recommended.

Credits:

4.00

Description:

In this course we will study the transition of Spain from dictatorship to democracy from an interdisciplinary perspective based mostly on the analysis of literary works, film, visual arts and music besides relevant theoretical articles by major Spanish and international intellectuals. Youth culture (sex, drugs and rock and roll), the feminist movement, nationalistic demands, and Spain's subsequent incorporation into the European Union will be highlighted. (Madrid campus only)

- **SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film**

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

- **SPAN-425 Literature and Art in Latin America**

Prerequisites:

Span 290 or Span 300; Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

Examines the dynamic relationships that exist between art (both visual and lyrical) and the written word. Through a juxtaposition of work by twentieth century authors from Latin America and the Caribbean and other artists who explore similar themes, students examine the multiple ways in which art and literature contribute to our understanding of life in Latin America and the Caribbean. Materials are drawn from the fields of music, photography, poetry, prose, theatre, and visual art.

Term:

Occasional

- **SPAN-427 U.S. Mexican Border in the New Millennium**

Prerequisites:

SPAN 290 or 300 or Instructor's consent

Credits:

4.00

Description:

Explores the literature, culture, and history of the United States-Mexico Border, and analyzes the profound changes that the gain/loss of territories created by the Treaty of Guadalupe Hidalgo caused for the citizens in the region. Emphasis is on contemporary border theatre and film. Students read works of Salcedo, Galindo, Mijares, Rascon Banda, among others, and examine contemporary films and documentaries such as *Senorita Extraviada*, *Victoria para Chino*, and *Crossing Arizona*.

Term:

Occasional

• SPAN-428 From Script to Performance: Contemporary Latin American Theatre

Prerequisites:

Span 290 or 300; Span 302 is strongly recommended

Credits:

4.00

Description:

Students examine the contemporary world of Latin American Theatre. A study of basic theatre concepts and methodology prepares students to perform in *Noche de teatro latinoamericano*, a public performance of three one-act plays from contemporary Latin American Playwrights. Publicity and set design are also part of the course framework.

Term:

Occasional

• SPAN-502 Honors Thesis

Prerequisites:

Senior standing & permission of the Dept. Chair

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Offered Fall Term

- **SPAN-510 Independent Study**

Prerequisites:

Instructor consent required.

Credits:

1.00- 4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

- **SPAN-I295 Spanish in the Workplace Internship**

Credits:

0.00

Description:

Internship in Madrid, Spain. At least 12 hours a week working for an organization. Designed to give students an international professional learning opportunity. It takes place concurrently with SPAN 295.



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Academic Catalogs

[Academic Catalogs](#) > [Undergraduate Catalog](#) > [College of Arts & Sciences](#) > [Majors, Minors, & Certificates](#) > [Statistics](#)

2017-2018 Archived Catalog Information

Statistics

No major or minor offered. Selected courses in statistics are available each semester.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Statistics Courses](#)

- **STATS-240 Introduction to Statistics**

Prerequisites:

Math 128 or higher. REMINDER: STATS 240 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Topics include: data presentation, measures of central locations and dispersion, probability and probability distributions, estimation, hypothesis testing, simple and multiple regression models. The use of Excel and SPSS will be emphasized throughout the course. 1 term - 4 credits (4 hours per week). Normally offered each semester. STATS 240 satisfies the same requirements as STATS 250

Type:

Quantitative Analysis

• STATS-250 Applied Statistics

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

• STATS-H250 Honors Applied Statistics

Prerequisites:

MATH-128, MATH 130, 134, 146, 164 or 165 and Honors Course; GPA of 3.3 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analyses. The use of computers is emphasized throughout the course. Prerequisite: MATH 130, MATH 134, MATH 146, or MATH 165 Honors Course GPA of 3.2 or higher required. 1 term - 4 credits Normally offered every year.

Type:

Honors

- **STATS-350 Applied Statistical Methods**

Prerequisites:

STATS 250

Credits:

4.00

Description:

This application-oriented course is designed to go beyond the topics covered in STATS 250. It includes topics like Analysis of Variance (ANOVA), special topics in regression analysis and index numbers. Further, time series data, which consist of values corresponding to different time intervals, are analyzed. The objective is to examine past time series values to forecast, or predict future values. Seasonal variations are also incorporated in the forecasts. The course will provide useful computer skills involving various statistical packages and is an excellent preparation for graduate work in business and social sciences.

- **STATS-R240 Statistics Recitation**

Credits:

0.00

Description:

This course is taken as a co-requisite to Stats240. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. On alternate weeks students work on individual and group homework.



2017-2018 Archived Catalog Information

Teachers of English to Speakers of Other Languages Certificate

- [Certificate Requirements](#)
- [Education Studies Courses](#)

Certificate Requirements: 3 courses, 12 credits

Core Requirements (2 courses, 8 credits)

- EDUC-315 Strategies for Emerging English Learners

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- EDUC-316 TESOL Practice

Prerequisites:

Take EDUC-315

Credits:

4.00

Description:

Students will have opportunities to put the theories and techniques learned in EDUC 315- Strategies for Working with English Learners into practice. Students will be placed in various Suffolk University sites or classrooms where they will work to meet the specific needs and challenges of educating various language and cultural groups. Students will be required to spend 30 hours working in their placements. Students will attend a weekly seminar where connections between theory and practice are explored, experiences are shared, and Teaching & Service Portfolios will be created.

Elective (1 course, 4 credits)

Choose one of the following:

- **CJN-216 Intercultural Communication**

Credits:

4.00

Description:

An examination of communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures.

Term:

Offered Both Fall and Spring

- **CJN-270 Speaking Across Cultures**

Credits:

4.00

Description:

Helps students learn to communicate with and speak to culturally diverse audiences. Audience analysis, organizational patterns, speech creation, research skills, and delivery skills are all critical to understanding when interacting with diverse audiences. Provides students with opportunities for

oral presentations and interactions in different contexts.

Term:

Occasional

- **EDUC-205 SL-Community Tutoring Project**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00- 8.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. Students complete 35 hours per semester of educational tutoring in a local school (K-5), in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Local Engagement Experience, Service Learning

- **EDUC-214 SL-Introduction to Teaching**

Credits:

4.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. This course introduces students to the basic competencies of school teaching. Topics include: lesson planning, classroom management, grouping for instruction, effective pedagogical practices, assessment methods, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks/common core state standards. Field observations (25 hours) required.

Type:

Service Learning

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

- **EDUC-313 Classroom Communication**

Credits:

4.00

Description:

Examines communication between and among teachers and students in the classroom setting. Topics include: communication apprehension, building oral fluency, use of media technology to enhance student learning, cooperative learning, and related professional and legal responsibilities of teachers. Ten pre-practicum observation hours required for Teacher Candidates.

Term:

Offered Spring Term

- **ENG-212 Introduction to Creative Writing**

Credits:

4.00

Description:

A study of the major genres in creative writing (poetry, fiction, and creative nonfiction) in which students will read as writers. Students will write a combination of analytical and original works, and learn the format and processes of writing workshops of writing workshops. Offered every semester.

- **ENG-301 Literary Criticism Seminar**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course seeks to answer the following questions. What is literature? Why do we study literature? What methods aid the study of literature? What are English Studies all about? This course extends reading and writing skills, and provides more specialized terms, knowledge, and approaches to prepare students for study at the junior and senior level. Topics vary from term to term. Student must have completed 80 credits or less Normally offered Fall and Spring semesters.

Term:

Offered Both Fall and Spring

- **ENG-312 English Grammar and Usage**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course provides a thorough review and analysis of the rules of standard English grammar and usage, including the debate between prescriptive and descriptive grammar, the origin and authority of the rules taught in school and in handbooks of English, and the insights of modern linguistics. Normally offered alternate years

Term:

Occasional

- **ENG-396 Varieties of Workplace Writing**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course studies a variety of workplace writing including summaries, memos, letters, directions, descriptions, reports and other technical and professional documents. Students may be required to complete certain assignments in collaborative teams. Document design and layout will also be emphasized. Normally offered alternate years

Term:

Occasional

- **FR-306 Composition, Conversation and Advanced Grammar**

Prerequisites:

FR-202;

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

- **SOC-228 Cultural, Global and Social Perspectives**

Credits:

4.00

Description:

Enables students to examine, as well as develop an awareness and appreciation of, diversity within today's society. Providing an overview of the major racial, ethnic, and cultural groups in the U.S., the focus is on the ways in which cultural awareness enhances professional helping relationships and improves the operation of human services systems.

Term:

Occasional

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

Modern Language

Note: Some elective course offerings may have prerequisites. Any French course above FR-306 or any Spanish course above SPAN-290 may also fulfill the elective requirement.



2017-2018 Archived Catalog Information

Teachers of English to Speakers of Other Languages Certificate

- [Certificate Requirements](#)
- [Education Studies Courses](#)

- EDUC-110 Introduction to Education

Credits:

4.00

Description:

Working with children and adolescents is a facet of many professions. This course will introduce students to the study of education occurring in formal and informal settings. This course focuses on the relationships among, and between, teachers, discourse, and community. Students will glean insight into the relationship of school and society as well as power and control in American Education. Required of all education minors. Five hours of field work required.

Term:

Offered Both Fall and Spring

- EDUC-202 Educational Psychology

Credits:

4.00

Description:

Examines the nature and development of human abilities and the teaching-learning process. Considers the facts and generalizations of child and adolescent growth and development, working with diverse cultures, and special needs children in school settings. Ten hours of field work.

Term:

Offered Both Fall and Spring

- **EDUC-203 Service Learning: Pre-K Outreach and Tutoring**

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring in an educational setting, or community organization, in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

- **EDUC-205 SL-Community Tutoring Project**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00- 8.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. Students complete 35 hours per semester of educational tutoring in a local school (K-5), in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Local Engagement Experience, Service Learning

- **EDUC-208 Service Learning: College Access**

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring and coaching in an educational setting, or a community organization in conjunction with a weekly seminar on campus. Programs include COACH, Connections to College, and others. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

- **EDUC-209 Reading and Writing in the Classroom**

Credits:

4.00

Description:

Students will become knowledgeable about the various approaches to teaching reading and writing in the content areas. This course is designed for teaching the necessary literacy skills in both Middle School and High School. Topics include: formal and informal assessment techniques, differentiation of instruction, diagnosing problems and integrating reading and writing into curriculum and instruction.

- **EDUC-210 Service Learning: Alternative Spring Break**

Prerequisites:

Open to all majors, Instructor's signature required

Credits:

4.00

Description:

Students complete all research, travel, and reporting requirements in conjunction with Suffolk University's Alternative Spring Break. Open to all majors. No previous experience required.

Term:

Offered Spring Term

- **EDUC-214 SL-Introduction to Teaching**

Credits:

4.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. This course introduces students to the basic competencies of school teaching. Topics include: lesson planning, classroom management, grouping for instruction, effective pedagogical practices, assessment methods, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks/common core state standards. Field observations (25 hours) required.

Type:

Service Learning

- **EDUC-215 Service Learning Jumpstart Community Literacies**

Credits:

4.00

Description:

This course is designed for Jumpstart Corps members to develop competencies in teaching strategies for reading and writing. The course introduces theoretical and instructional issues in the development of literacy skills. Students will be engaged in reflective, critical consideration of students' diverse needs in the acquisition of literacy.

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

- **EDUC-312 Curriculum and Pedagogy: Middle and Secondary School**

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Introduces students to the basic competencies of Middle and Secondary school teaching. Topics include: behavioral problems, classroom management, grouping for instruction, motivation and reward systems, individualized instruction, IEP's, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks developed by the Massachusetts Department of Education. Field observations and experiences are grounded in theoretical discussion as students begin to develop their personal philosophies of education. Field observations (40 hours) required. Required prior to student teaching.

Term:

Offered Fall Term

- **EDUC-313 Classroom Communication**

Credits:

4.00

Description:

Examines communication between and among teachers and students in the classroom setting. Topics include: communication apprehension, building oral fluency, use of media technology to enhance student learning, cooperative learning, and related professional and legal responsibilities of teachers. Ten pre-practicum observation hours required for Teacher Candidates.

Term:

Offered Spring Term

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **EDUC-316 TESOL Practice**

Prerequisites:

Take EDUC-315

Credits:

4.00

Description:

Students will have opportunities to put the theories and techniques learned in EDUC 315- Strategies for Working with English Learners into practice. Students will be placed in various Suffolk University sites or classrooms where they will work to meet the specific needs and challenges of educating various language and cultural groups. Students will be required to spend 30 hours working in their placements. Students will attend a weekly seminar where connections between theory and practice are explored, experiences are shared, and Teaching & Service Portfolios will be created.

- **EDUC-402 History & Philosophy of American Education**

Credits:

4.00

Description:

Explores the evolution of schooling in the United States from The English High School to present. Theorists include: Mann, Franklin, Dewey,Sizer, and others.

Term:

Offered Spring Term

- **EDUC-408 Youth Programming**

Credits:

4.00

Description:

This course focuses on the exploration and understanding of issues, strategies and frameworks related to developing and implementing youth programs. Students will be exposed to developmental theories, and various components of effective youth programmatic planning. Topics include: conducting needs assessments, developing goals and objectives, logistics planning, recruitment and training, and program evaluation.

- **EDUC-414 Urban Schooling**

Credits:

4.00

Description:

This course is an in-depth investigation of policies effecting urban schools; topics include: demographic influence on education, influences of national and state regulations on urban schools, sociological factors unique to urban schools, and in-depth analysis of equity and achievement.

Term:

Occasional

- **EDUC-415 Practicum: Middle School Teaching**

Prerequisites:

Coordinator of Student Teaching or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a middle school. See regulations regarding student teaching.

Term:

Offered Spring Term

- **EDUC-416 Practicum: Secondary School Teaching**

Prerequisites:

Instructor's or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a secondary school. See regulations regarding student teaching.

Term:

Offered Spring Term

- **EDUC-417 Assessment Theory and Practice**

Credits:

4.00

Description:

This course examines the development of formative, summative, authentic, and alternative assessment in education. Seminal works by Archbald, Baron, Bloom, Kleinsasser, Schwab, and others comprise the theoretical component. The second half of the course is dedicated to the selection, application, and integration of formal and informal assessment strategies and tools. A final project requires students to design an assessment tool appropriate for their academic area and age level. Instructional strategies include case studies, class discussions, student presentations, and research reviews.

Term:

Offered Fall Term

- **EDUC-424 Global Issues and Trends in American Education**

Credits:

4.00

Description:

Examines major current issues of educational policy against the background of demographic trends, technological innovations, standardized testing, and curricular shifts.

Term:

Occasional

- **EDUC-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Members of the Department will meet with students to direct their research in areas of special interest to them. Projects of this sort will be authorized only in unusual circumstances upon the recommendations of the Department Chairperson and with the approval of the Dean. Offered by arrangement only.



SUFFOLK
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Academic Catalogs

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2017-2018 Archived Catalog Information

Theatre

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Theatre Courses](#)

Major Requirements: 11 courses, 34-38 credits, plus 4 Practicum courses

Core Requirements (5 courses, 10-14 credits)

- **THETR-129 Acting**

Credits:

4.00

Description:

This introduction to acting prepares students for work in production and develops skills in all forms of communication. The first part of the course uses improvisational exercises based on the Stanislavski method to teach fundamental acting techniques. The second half of the course applies those techniques to scene work from major 20th century plays. This course is a core requirement for all Theatre Majors.

Term:

Offered Both Fall and Spring

Type:

- **THETR-187 Intro to Stage Management**

Credits:

4.00

Description:

This course will teach both the methods and principles behind stage management demonstrating how to support a production while facilitating the work of directors, designers, and actors. In addition to teaching the specific technical skills necessary to each part of the production process, this course will also address the more subtle intellectual and managerial skills that make stage management an art. Satisfies a core requirement for Theatre majors.

Term:

Offered Fall Term

Type:

Arts Admin Minor Elective

- **THETR-191 The Freshman Experience**

Prerequisites:

Theatre Majors and minors only.

Credits:

1.00

Description:

This course helps orient Theatre Department Freshmen to university life while presenting them with practical information about the department. Topics will include production practicum, student showcases, auditioning, advising, capstone projects, internships and study abroad opportunities. Theatre professors, staff, and visiting professionals come to classes to discuss their areas of expertise. Students are made aware of arts activities on campus and in the city of Boston for which weekly journals are required. A script and performance of at least one play in Boston will be studied.

- **THETR-508 Capstone Experience**

Credits:

0.00

Description:

The capstone experience demonstrates a student's high level of practical and/or academic facility and prepares them for their transition into the world of professional theatre and graduate school. Upper Level production activities within the theatre department that may fulfill this requirement are directing, designing, stage managing, acting a major role, playwriting, or some special approved project. Students may also fulfill this requirement by completing a Senior Honors Thesis.

- **THETR-511 Professional Development**

Prerequisites:

Theatre majors or minors only.

Credits:

1.00

Description:

This course is designed to give students the tools to plan for and support a career path after graduation. Students will acquire effective business skills, learn the importance of proactivity and self-reliance, and develop strategies for establishing and sustaining professional networks of support. Students will also learn how to execute effective interviewing techniques, gain insight concerning personal strengths and weaknesses, and acquire life-long learning skills in order to begin their professional careers with defined strategic goals that will support their aspirations. Master Classes with professional theatre artists and field trips to professional theatres will also be included.

Electives (6 courses, 24 credits)

Choose three of the following:

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

- **THETR-265 Introduction to Theatre: Prehistory to Melodrama**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

- **THETR-266 Intro to Theatre: 20th Century**

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

- **THETR-267 Introduction to Theatre: Contemporary American**

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

Choose one of the following:

- **THETR-151 Introduction to Design**

Credits:

4.00

Description:

This rigorous class will give students the fundamental concepts, vocabulary and skills used to design for the stage such as: color, line, composition, research and script analysis. The class has a written component and is intended to prepare students to design workshop productions in the Studio Theatre. Students will be expected to complete a minimum of ten hours of production work for Theatre Department productions.

Term:

Offered Spring Term

- **THETR-152 Introduction to Stagecraft**

Credits:

4.00

Description:

This rigorous survey class will give students the fundamental concepts, vocabulary, and skill to implement basic scenery, lighting, costuming, props and sound. The class is intended to prepare students as technical support for workshop productions in the Studio Theatre. There is a written component and students will be expected to complete a minimum of ten hours of technical work on Theatre Department productions.

Term:

Offered Fall Term

Choose one of the following Mid-Level Electives:

- **THETR-233 Introduction to Singing for the Stage: Classic Musical Comedies**

Credits:

4.00

Description:

Focusing on classic musical comedies from 1910-1950 e.g. Anything Goes, Kiss Me Kate, and Guys and Dolls this skills-based studio course introduces students to an integrated approach to singing and stage performance. Students will learn the fundamentals of vocal technique which includes targeted vocal warm-ups and relaxation exercises in addition to the basics of breath support, placement, and phrasing. Students will also learn how to analyze musicals for their dramatic potential in order to make their performances more believable to an audience. Several classes will be devoted to audition preparation. Private vocal coaching and acting coaching will be scheduled outside of class. Students will work on assigned songs, duets, and choreographed group numbers which will be presented at the end of the term for an invited audience.

Term:

Occasional

- **THETR-322 Acting for the Camera**

Prerequisites:

THETR-129 or instructor's consent

Credits:

4.00

Description:

This course gives students an understanding of the acting challenges unique to film, television, and commercial acting and helps them develop an effective process for on-camera performance. The material in this class is drawn from various media as well as from students' own research and writing. Class exercises and presentations are video taped, viewed, and critiqued by the students and the instructor as students grow and learn. Students also become familiar with the language and demands of professional production as well as how the technical process affects their performance.

Term:

Offered Fall Term

• **THETR-323 Audition Training**

Credits:

4.00

Description:

Learning how to prepare for effective auditions is essential training for anyone who wishes to be cast in theatre productions. This studio course will provide practical guidelines and useful strategies to help students be at their best during the always competitive audition process. Over the course of the term students will not only prepare to participate confidently in professional and non-professional auditions, but learn to enjoy the journey as well.

Term:

Offered Fall Term

• **THETR-329 Acting II**

Prerequisites:

THETR 229 or THETR-129 or instructor's consent

Credits:

4.00

Description:

A continuation of Acting I with special emphasis on verse and heightened language. Students will explore acting Shakespeare and other classical plays and will rehearse and perform short projects. Students will also learn to think, read and write about classical performance.

Term:

Offered Fall Term

- **THETR-333 Singing for the Stage: Rock, Pop, & Progressive**

Credits:

4.00

Description:

Focusing on classic rock, pop, and progressive musicals from the 1970s-1990s, e.g. A Chorus Line, Chicago, and Into the Woods this studio course provides students with an integrated approach to singing and stage performance. Students will learn the fundamentals of vocal technique which includes targeted vocal warm-ups and relaxation exercises in addition to the basics of breath support, placement, and phrasing. Students will learn how to analyze musicals for their dramatic potential in order to make their performances more believable to an audience. They will also be introduced to basic music theory and how to plunk out notes on a piano - skills that will make them more independent and confident performers. Several classes will be devoted to audition preparation. Private vocal coaching and acting coaching will be scheduled outside of class. Assigned solos and choreographed group numbers will be presented weekly in class and at the end of the term in a recital for an invited audience.

Term:

Occasional

- **THETR-334 Singing for the Stage: Musicals From the Golden Age**

Credits:

4.00

Description:

Focusing on classic musicals from 1950-1970 e.g., Pajama Game, Fiddler on the Roof, and Cabaret, this skills-based studio course exposes students to an integrated approach to singing and stage performance. Students will learn the fundamentals of vocal technique which includes targeted vocal warm-ups and relaxation exercises in addition to the basics of breath support, placement, and phrasing. Students will also learn how to analyze musicals for their dramatic potential in order to make their performances more believable to an audience. Several classes will be devoted to audition preparation. Private vocal coaching and acting coaching will be scheduled outside of class. All students will work on assigned songs and choreographed group numbers which will be presented at the end of the term for an invited audience.

Term:

Occasional

- **THETR-375 Directing I**

Credits:

4.00

Description:

This conservatory-style course provides students with fundamental directing skills through lectures, readings, and weekly projects that explore composition, staging, text analysis, and directorial communication skills. Students in this course become eligible to propose their own projects to the Theatre Department for production consideration. Directing students are also encouraged to stage manage and assistant direct faculty productions both in and outside of the Department.

Term:

Offered Fall Term

Type:

Arts Admin Minor Elective

Choose one of the following Upper-Level Electives:

- **THETR-351 Set Design**

Prerequisites:

Take THETR-237 THETR-250 or THETR-251; or instructor's consent

Credits:

4.00

Description:

This is a studio course exploring the process of interpreting dramatic scripts in visual, three-dimensional ways. Projects will include abstract visual responses, group installations, enacting texts, visual research and textual analyses as well as ground plans and models for sets. Students will need a variety of painting and drawing supplies and equipment. A willingness to think beyond the box set to discover vital ways to shape a production is essential.

Term:

Offered Spring Term

• **THETR-359 Lighting Design**

Prerequisites:

Take THETR-187 THETR-152 or THETR-151; or instructor's consent

Credits:

4.00

Description:

Students will explore the basic process of lighting design for the theatre through hands-on, practical experience, conceptual work, and a study of the history of lighting design. The course will focus on common vocabularies, descriptions of imageries from text, physical forms of design expression and general approach. In addition, students will learn basic skills in electrics to support the design process. Sample assignments might include written critiques of local productions, design approach statements with lighting research, lighted one act plays in the Studio Theatre, and lighting set models. Normally offered alternate years.

Term:

Occasional

• **THETR-425 Advanced Scene Study**

Prerequisites:

Take THETR-129

Credits:

4.00

Description:

Using plays from the mid-20th century to the present, students will engage in advanced acting techniques to discover connections with the material at the deepest, most intimate level. The ability to apply highly sensitized analyzation to character, relationships and circumstances of each scene will be thoroughly explored and students will be encouraged to work outside of their comfort zones. Also, the awareness and execution of the emotional commitment needed to fulfill the life of each scene will be courageously explored and incorporated.

- **THETR-433 Advanced Singing for the Stage: Broadway Musicals Today**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Focusing on musicals written from the 1990-the present e.g. Next to Normal, The Last Five Years, and Spring Awakening, this advanced studio course provides students with an integrated approach to singing and stage performance. The fast-paced tempo of the class will encourage students to build on their previous training and experience and to become increasingly independent as they prepare for auditions and performance work beyond the university. Private vocal coaching and acting coaching will be scheduled outside of class. Students will be expected to prepare selected solos or duets and learn additional choreographed group numbers which will be presented at the end of the term for a public performance.

Term:

Occasional

- **THETR-461 Play Analysis**

Credits:

4.00

Description:

This seminar course examines Shakespeare's plays and their modern correlatives. (i.e. Hamlet and The Seagull, King Lear and Endgame) Students read the texts out loud in class examining the meaning, action, objective, and philosophical and historical contexts with the professor. The goal is to get closer to the original intentions of the author and determine not only the basic theme and character relationships, but the kind of mind that could create such a play. In analyzing a modern play students also examine the impact of Shakespeare's mind on future playwrights. There will be a midterm paper and a final exam.

Term:

Offered Fall Term

Type:

Arts Admin Minor Elective

• THETR-475 Directing II

Prerequisites:

THETR-375 or instructor's consent

Credits:

4.00

Description:

Directing II focuses on the development of an individual directorial point of view and explores a variety of theoretical and applied approaches to cultivating interpretive skills. The course also examines how the director reconciles traditional theatrical conventions and techniques with the ability to create fresh, innovative and personal results. Students will stage weekly theatrical responses to class readings in addition to creating a fully-realized final directing project.

Term:

Offered Spring Term

• THETR-477 Playwriting II

Prerequisites:

THETR-377 or instructor's consent

Credits:

4.00

Description:

Playwriting II is a continuation, deepening and thickening of the principles learned in Playwriting I. A course designed for dedicated writers, students are expected to explore a wide variety of playwriting challenges, skills and techniques. Student works will be regularly shared and discussed in class. Students will also be assigned plays by recognized playwrights to discuss and analyze in class. Playwriting II students are encouraged to participate in PlayDay!", an annual reading of new student-written plays. Normally offered alternate years.

Term:

Occasional

Production Practicum Requirement

All Theatre majors are required to have two Theatre department performance and two Theatre department production experiences.

Note: THETR-100 and THETR-102 are offered for no credit; THETR-200 and THETR-202 are offered for credit.

- **THETR-100 Theatre Practicum: Performance**

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department performance activities such as acting, directing, playwriting, dramaturgy, choreography, or stage management may. May be taken more than once.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **THETR-200 Theatre Practicum: Performance**

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 4.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Students should register for this course when participating in Theatre Department performance activities such as acting, directing, playwriting, dramaturgy, choreography, or stage management may. Written work includes a production log signed by the supervisor and a narrative journal. This course also satisfies the Theatre requirement for Theatre majors and minors. May be taken more than once. ECR

Term:

Offered Both Fall and Spring

- **THETR-102 Theatre Practicum: Production**

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department production activities such as design or assistant design, load-in or run crews, board operators, carpenters, electricians, stitchers and painters. May be taken more than once.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **THETR-202 Theatre Practicum: Production**

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 4.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Students should register for this course when participating in Theatre Department production activities such as design or assistant design, load-in or run crews, board operators, carpenters, electricians, stitchers and painters. Written work includes a production log signed by the supervisor and a narrative journal. This course also satisfies the Theatre requirement for Theatre majors and minors. May be taken more than once.
ECR

Term:

Offered Both Fall and Spring

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Theatre

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Theatre Courses](#)

Minor Requirements: 5 courses, 20 credits plus 2 Practicum Courses

Core Requirements (3 courses, 12 credits)

- **THETR-129 Acting**

Credits:

4.00

Description:

This introduction to acting prepares students for work in production and develops skills in all forms of communication. The first part of the course uses improvisational exercises based on the Stanislavski method to teach fundamental acting techniques. The second half of the course applies those techniques to scene work from major 20th century plays. This course is a core requirement for all Theatre Majors.

Term:

Offered Both Fall and Spring

Type:

Choose one of the following:

- **THETR-151 Introduction to Design**

Credits:

4.00

Description:

This rigorous class will give students the fundamental concepts, vocabulary and skills used to design for the stage such as: color, line, composition, research and script analysis. The class has a written component and is intended to prepare students to design workshop productions in the Studio Theatre. Students will be expected to complete a minimum of ten hours of production work for Theatre Department productions.

Term:

Offered Spring Term

- **THETR-152 Introduction to Stagecraft**

Credits:

4.00

Description:

This rigorous survey class will give students the fundamental concepts, vocabulary, and skill to implement basic scenery, lighting, costuming, props and sound. The class is intended to prepare students as technical support for workshop productions in the Studio Theatre. There is a written component and students will be expected to complete a minimum of ten hours of technical work on Theatre Department productions.

Term:

Offered Fall Term

- **THETR-187 Intro to Stage Management**

Credits:

4.00

Description:

This course will teach both the methods and principles behind stage management demonstrating how to support a production while facilitating the work of directors, designers, and actors. In addition to teaching the specific technical skills necessary to each part of the production process, this course will also address the more subtle intellectual and managerial skills that make stage management an art. Satisfies a core requirement for Theatre majors.

Term:

Offered Fall Term

Type:

Arts Admin Minor Elective

Choose one of the following:

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

- **THETR-265 Introduction to Theatre: Prehistory to Melodrama**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

- **THETR-266 Intro to Theatre: 20th Century**

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

- **THETR-267 Introduction to Theatre: Contemporary American**

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and

Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

Electives (2 courses, 8 credits)

Choose any two approved Theatre courses, one being 300-level or higher.

Production Practicum Requirement

All Theatre minors are required to have one performance experience and one production crew experience.

Note: THETR-100 and THETR-102 are offered for no credit; THETR-200 and THETR-202 are offered for credit.

- **THETR-100 Theatre Practicum: Performance**

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department performance activities such as acting, directing, playwriting, dramaturgy, choreography, or stage management may. May be taken more than once.

Term:

Offered Both Fall and Spring

Type:

- **THETR-200 Theatre Practicum: Performance**

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 4.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Students should register for this course when participating in Theatre Department performance activities such as acting, directing, playwriting, dramaturgy, choreography, or stage management may. Written work includes a production log signed by the supervisor and a narrative journal. This course also satisfies the Theatre requirement for Theatre majors and minors. May be taken more than once. ECR

Term:

Offered Both Fall and Spring

- **THETR-102 Theatre Practicum: Production**

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department production activities such as design or assistant design, load-in or run crews, board operators, carpenters, electricians, stitchers and painters. May be taken more than once.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• THETR-202 Theatre Practicum: Production

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 4.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Students should register for this course when participating in Theatre Department production activities such as design or assistant design, load-in or run crews, board operators, carpenters, electricians, stitchers and painters. Written work includes a production log signed by the supervisor and a narrative journal. This course also satisfies the Theatre requirement for Theatre majors and minors. May be taken more than once.
ECR

Term:

Offered Both Fall and Spring

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Theatre

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Theatre Courses](#)

- **THETR-100 Theatre Practicum: Performance**

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department performance activities such as acting, directing, playwriting, dramaturgy, choreography, or stage management may. May be taken more than once.

Term:

Offered Both Fall and Spring

Type:

- **THETR-102 Theatre Practicum: Production**

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department production activities such as design or assistant design, load-in or run crews, board operators, carpenters, electricians, stitchers and painters. May be taken more than once.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **THETR-129 Acting**

Credits:

4.00

Description:

This introduction to acting prepares students for work in production and develops skills in all forms of communication. The first part of the course uses improvisational exercises based on the Stanislavski method to teach fundamental acting techniques. The second half of the course applies those techniques to scene work from major 20th century plays. This course is a core requirement for all Theatre Majors.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **THETR-139 Vocal Technique**

Credits:

4.00

Description:

Vocal Technique provides students with an essential foundation to help ensure the safe and effective use of the speaking and singing voice. Topics will include alignment, relaxation, breath support, placement, resonance, vocal anatomy, and the care and protection of the voice under normal and stressful situations. Students will do oral presentations and have the option of singing in a master class setting. This is a studio course with a written component.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **THETR-151 Introduction to Design**

Credits:

4.00

Description:

This rigorous class will give students the fundamental concepts, vocabulary and skills used to design for the stage such as: color, line, composition, research and script analysis. The class has a written component and is intended to prepare students to design workshop productions in the Studio Theatre. Students will be expected to complete a minimum of ten hours of production work for Theatre Department productions.

Term:

Offered Spring Term

- **THETR-152 Introduction to Stagecraft**

Credits:

4.00

Description:

This rigorous survey class will give students the fundamental concepts, vocabulary, and skill to implement basic scenery, lighting, costuming, props and sound. The class is intended to prepare students as technical support for workshop productions in the Studio Theatre. There is a written component and students will be expected to complete a minimum of ten hours of technical work on Theatre Department productions.

Term:

Offered Fall Term

- **THETR-187 Intro to Stage Management**

Credits:

4.00

Description:

This course will teach both the methods and principles behind stage management demonstrating how to support a production while facilitating the work of directors, designers, and actors. In addition to teaching the specific technical skills necessary to each part of the production process, this course will also address the more subtle intellectual and managerial skills that make stage management an art. Satisfies a core requirement for Theatre majors.

Term:

Offered Fall Term

Type:

Arts Admin Minor Elective

- **THETR-191 The Freshman Experience**

Prerequisites:

Theatre Majors and minors only.

Credits:

1.00

Description:

This course helps orient Theatre Department Freshmen to university life while presenting them with practical information about the department. Topics will include production practicum, student showcases, auditioning, advising, capstone projects, internships and study abroad opportunities. Theatre professors, staff, and visiting professionals come to classes to discuss their areas of expertise. Students are made aware of arts activities on campus and in the city of Boston for which weekly journals are required. A script and performance of at least one play in Boston will be studied.

- **THETR-200 Theatre Practicum: Performance**

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 4.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Students should register for this course when participating in Theatre Department performance activities such as acting, directing, playwriting, dramaturgy, choreography, or stage management may. Written work includes a production log signed by the supervisor and a narrative journal. This course also satisfies the Theatre requirement for Theatre majors and minors. May be taken more than once. ECR

Term:

Offered Both Fall and Spring

- **THETR-202 Theatre Practicum: Production**

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 4.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Students should register for this course when participating in Theatre Department production activities such as design or assistant design, load-in or run crews, board operators, carpenters, electricians, stitchers and painters. Written work includes a production log signed by the supervisor and a narrative journal. This course also satisfies the Theatre requirement for Theatre majors and minors. May be taken more than once.
ECR

Term:

Offered Both Fall and Spring

• **THETR-221 Voice and Movement for Actors**

Credits:

4.00

Description:

Professional actors engage in rigorous voice and movement training throughout their careers. This course provides students with the theory and practical training to free and develop their natural voices for the stage. They will also explore physical acting through improvisation and a series of exercises that will expand their ability to respond reflexively and organically to their instincts. Wear comfortable clothing.

Term:

Alternates Fall & Spring

• **THETR-224 Intro to Improv**

Credits:

4.00

Description:

This course serves as an introduction to scenic improvisation and its application toward short-form, long-form and as a tool to develop written material. Students will begin classes with various improvisational exercises and transition to creating improvised scenes focusing on agreement,

relationship, game and heightening concepts. Particular emphasis is placed on creative collaboration with scene partners and as part of an ensemble. This class will benefit anyone who wants to develop tools to think on their feet and participate in creative collaborations.

- **THETR-233 Introduction to Singing for the Stage: Classic Musical Comedies**

Credits:

4.00

Description:

Focusing on classic musical comedies from 1910-1950 e.g. Anything Goes, Kiss Me Kate, and Guys and Dolls this skills-based studio course introduces students to an integrated approach to singing and stage performance. Students will learn the fundamentals of vocal technique which includes targeted vocal warm-ups and relaxation exercises in addition to the basics of breath support, placement, and phrasing. Students will also learn how to analyze musicals for their dramatic potential in order to make their performances more believable to an audience. Several classes will be devoted to audition preparation. Private vocal coaching and acting coaching will be scheduled outside of class. Students will work on assigned songs, duets, and choreographed group numbers which will be presented at the end of the term for an invited audience.

Term:

Occasional

- **THETR-243 Sabar: Music and Dance of Senegal**

Credits:

4.00

Description:

This course explores the history and practice of music and dance in Senegal, West Africa taught through lectures, readings, and studio classes which are accompanied by live African drumming. Proper dance attire is required.

Term:

Offered Spring Term

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

- **THETR-265 Introduction to Theatre: Prehistory to Melodrama**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

- **THETR-266 Intro to Theatre: 20th Century**

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

- **THETR-H266 Intro to Theatre: Twentieth Century**

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Type:

Honors

- **THETR-267 Introduction to Theatre: Contemporary American**

Credits:

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

- **THETR-281 Arts Administration I**

Credits:

4.00

Description:

The expansive world of arts administration provides a wealth of rewarding career opportunities. This course will provide a fundamental overview of the managing, marketing, fundraising, and financial management functions of the performing and visual arts organizations. Using Suffolk's Modern Theatre as a laboratory, as well as site visits to some of Boston's greatest arts and culture institutions, we will investigate real world successes and challenges and discover what special talents each individual student can bring to the management mix. This course is a core requirement for Suffolk's new interdisciplinary Arts Administration minor.

- **THETR-289 Managing the Start-Up Arts Organization**

Credits:

4.00

Description:

Managing a start-up arts organization requires not only the financial, programming, development and interpersonal skills of day-to-day arts management, but the additional creative and imaginative abilities to attract and manage stakeholders, brand the organization, and create governance and hierarchical structures. Using Suffolk's new Modern Theatre as a laboratory, we will investigate the process of starting-up, how it differs from organization to organization, and what special talents each individual student can bring to the management mix. Reading and writing are required for the course, as well as specific work projects either at the Modern or at a local start-up.

Term:

Occasional

Type:

Arts Admin Minor Elective

- **THETR-291 Professional Development**

Prerequisites:

Theatre majors or minors only.

Credits:

1.00

Description:

This course is designed to give you the tools to plan for and support your career path after graduation. Activities include audition/resume/ cover-letter workshops; interviewing techniques; dressing for success; networking; identifying your personal brand; professional internships; and deciding whether graduate school is right for you. Master classes with professional theatre artists and field trips to professional theatres will also be included.

- **THETR-319 Study Abroad: Flamenco in Madrid**

Prerequisites:

Permission of Instructor

Credits:

4.00

Description:

This is a three week, four credit, faculty led intensive course in Flamenco dance. The study of Flamenco immerses students in the rich cultural heritage of Spain's most popular and passionate art form. This unique program blends studio classes in the heart of Madrid with a study of the vibrant history and culture of Spain. Students interested in study abroad are encouraged to take language courses in the Humanities Department.

Term:

Occasional

- **THETR-322 Acting for the Camera**

Prerequisites:

THETR-129 or instructor's consent

Credits:

4.00

Description:

This course gives students an understanding of the acting challenges unique to film, television, and commercial acting and helps them develop an effective process for on-camera performance. The material in this class is drawn from various media as well as from students' own research and writing. Class exercises and presentations are video taped, viewed, and critiqued by the students and the instructor as students grow and learn. Students also become familiar with the language and demands of professional production as well as how the technical process affects their performance.

Term:

Offered Fall Term

- **THETR-323 Audition Training**

Credits:

4.00

Description:

Learning how to prepare for effective auditions is essential training for anyone who wishes to be cast in theatre productions. This studio course will provide practical guidelines and useful strategies to help students be at their best during the always competitive audition process. Over the course of the term students will not only prepare to participate confidently in professional and non-professional auditions, but learn to enjoy the journey as well.

Term:

Offered Fall Term

- **THETR-329 Acting II**

Prerequisites:

THETR 229 or THETR-129 or instructor's consent

Credits:

4.00

Description:

A continuation of Acting I with special emphasis on verse and heightened language. Students will explore acting Shakespeare and other classical plays and will rehearse and perform short projects. Students will also learn to think, read and write about classical performance.

Term:

Offered Fall Term

- **THETR-333 Singing for the Stage: Rock, Pop, & Progressive**

Credits:

4.00

Description:

Focusing on classic rock, pop, and progressive musicals from the 1970s-1990s, e.g. A Chorus Line, Chicago, and Into the Woods this studio course provides students with an integrated approach to singing and stage performance. Students will learn the fundamentals of vocal technique which includes targeted vocal warm-ups and relaxation exercises in addition to the basics of breath support, placement, and phrasing. Students will learn how to analyze musicals for their dramatic potential in order to make their performances more believable to an audience. They will also be introduced to basic music theory and how to plunk out notes on a piano - skills that will make them more independent and confident performers. Several classes will be devoted to audition preparation. Private vocal coaching and acting coaching will be scheduled outside of class. Assigned solos and choreographed group numbers will be presented weekly in class and at the end of the term in a recital for an invited audience.

Term:

Occasional

- **THETR-334 Singing for the Stage: Musicals From the Golden Age**

Credits:

4.00

Description:

Focusing on classic musicals from 1950-1970 e.g., Pajama Game, Fiddler on the Roof, and Cabaret, this skills-based studio course exposes students to an integrated approach to singing and stage performance. Students will learn the fundamentals of vocal technique which includes targeted vocal warm-ups and relaxation exercises in addition to the basics of breath support, placement, and phrasing. Students will also learn how to analyze musicals for their dramatic potential in order to make their performances more believable to an audience. Several classes will be devoted to audition preparation. Private vocal coaching and acting coaching will be scheduled outside of class. All students will work on assigned songs and choreographed group numbers which will be presented at the end of the term for an invited audience.

Term:

Occasional

- **THETR-345 Broadway Dance**

Credits:

4.00

Description:

Grounded in the fundamentals of dance, this course will focus on the rigors and vitality of dances created for the Broadway musical. Students will learn about the history of Broadway dance and will present choreography developed in class at the end of the semester for an invited audience. Students will learn to think and write critically about the form. Dance attire is required.

Term:

Occasional

- **THETR-351 Set Design**

Prerequisites:

Take THETR-237 THETR-250 or THETR-251; or instructor's consent

Credits:

4.00

Description:

This is a studio course exploring the process of interpreting dramatic scripts in visual, three-dimensional ways. Projects will include abstract visual responses, group installations, enacting texts, visual research and textual analyses as well as ground plans and models for sets. Students will need a variety of painting and drawing supplies and equipment. A willingness to think beyond the box set to discover vital ways to shape a production is essential.

Term:

Offered Spring Term

- **THETR-356 Introduction to Costume Design**

Prerequisites:

THETR 250 OR THETR 251 or by instructor's permission.

Credits:

4.00

Description:

This is a comprehensive studio course with a written component. The course explores many aspects of the design process including concept, research, collaboration, and full renderings. Normally offered alternate years.

- **THETR-359 Lighting Design**

Prerequisites:

Take THETR-187 THETR-152 or THETR-151; or instructor's consent

Credits:

4.00

Description:

Students will explore the basic process of lighting design for the theatre through hands-on, practical experience, conceptual work, and a study of the history of lighting design. The course will focus on common vocabularies, descriptions of imageries from text, physical forms of design expression and general approach. In addition, students will learn basic skills in electrics to support the design process. Sample assignments might include written

critiques of local productions, design approach statements with lighting research, lighted one act plays in the Studio Theatre, and lighting set models. Normally offered alternate years.

Term:

Occasional

- **THETR-362 Women on Stage**

Credits:

4.00

Description:

How do playwrights of different backgrounds and genders interpret female-ness? This class explores some of the great heroines of dramatic literature, as well as female playwrights and performers. Students will be encouraged to indulge their taste for drama, as well as ask deeper questions about how women on stage are presented, perceived, and constructed. Students will read, write and discuss plays in terms of their structure, plot, theme, and characterizations. Class activities may include watching videos and attending live theatrical productions.

Term:

Occasional

- **THETR-364 Dramaturgy**

Prerequisites:

THETR-225, THETR-226, THETR-227, THETR-310, THETR-307, THETR-405, THETR-450, THETR-455, THETR-460, THETR-489, THETR-507 or THETR-510 or instructor's consent

Credits:

4.00

Description:

This course will explore the fundamentals of dramatic structure and investigate the various roles of the contemporary dramaturg. Through the in-depth analysis of texts, students will follow Aristotle's example in *The Poetics* and attempt to figure out what makes great plays tick. Weekly reading and writing assignments will be supplemented by live theatrical performances.

Term:

Occasional

- **THETR-375 Directing I**

Credits:

4.00

Description:

This conservatory-style course provides students with fundamental directing skills through lectures, readings, and weekly projects that explore composition, staging, text analysis, and directorial communication skills. Students in this course become eligible to propose their own projects to the Theatre Department for production consideration. Directing students are also encouraged to stage manage and assistant direct faculty productions both in and outside of the Department.

Term:

Offered Fall Term

Type:

Arts Admin Minor Elective

- **THETR-376 Theatre of Protest: Techniques for the Performance of Social Activism, Subversion and Resistance**

Credits:

1.00

Description:

This one-credit course is intended for those students who seek knowledge of theatrical techniques employed to respond quickly in public space to social and political injustice. The course will explore historical precedents of theatre of protest as a tool for resistance and change. These precedents include the strategic theatrical deployment of ritual, ceremony, song, satire, symbolism, puppetry and mythology. The course will also serve as a workshop for students to imagine, prepare and develop ideas, techniques and strategies which they can apply to their own social activism.

- **THETR-377 Playwriting**

Credits:

4.00

Description:

An introduction to playwriting, students will be required to submit weekly assignments which explore and refine fundamental components of the dramatist's craft including plot, character, conflict, voice, dialogue, rhythm, point of view, surprise, structure, and style. Students are encouraged to participate in "Play Day!", an annual reading of new student-written plays. Normally offered every year.

- **THETR-384 The Art and Artistry of Calling a Show**

Prerequisites:

THETR-237 or instructor's consent

Credits:

4.00

Description:

In calling a show the stage manager cues all technicians to effect changes in lighting, sound, flying elements and special effects during performances. A well-called show is an artistic achievement no less than a well-acted, directed or designed show. Building on the ability to make a complete and accurate stage manager's book learned in Intro to Stage Management, this course will teach calling skills for theatre, opera, dance and performance art. The course will demonstrate the construction of cues and how they promote the artistic vision of the production. In-class work will utilize the Studio Theatre and give students real-time opportunities for calling cues, and will include play reading and analysis. Outside class work will include attending and writing analyses of professional performances.

Term:

Occasional

- **THETR-421 Combat, Clown and Characters**

Prerequisites:

THETR-201 OR THETR-229 or instructor's consent

Credits:

4.00

Description:

Students compliment their practical theatre training with a wide range of physical and vocal skills. This three part class focuses on the art of creating a clown, the ability to safely build and execute a stage fight, and special work on creating a three dimensional character for the stage. Normally offered alternate years.

Term:

Occasional

- **THETR-422 Acting for the Camera II**

Prerequisites:

Take THETR-232 or Instructor's consent

Credits:

4.00

Description:

Applying skills introduced in Acting for the Camera I, students produce and perform in a showcase video with more demanding material. Included in this course is a focus on the business of film and television work as it affects an acting career. From auditioning skills to on-set work ethics, students will work in class and on film locations to experience the realities of the film and television industries and learn to think and write critically about on camera performance. Each student will have the opportunity to put together a demo reel showcasing their acting work prepared for class.

Term:

Offered Spring Term

- **THETR-425 Advanced Scene Study**

Prerequisites:

Take THETR-129

Credits:

4.00

Description:

Using plays from the mid-20th century to the present, students will engage in advanced acting techniques to discover connections with the material at the deepest, most intimate level. The ability to apply highly sensitized analyzation to character, relationships and circumstances of each scene will be thoroughly explored and students will be encouraged to work outside of their comfort zones. Also, the awareness and execution of the emotional commitment needed to fulfill the life of each scene will be courageously explored and incorporated.

- **THETR-429 Theatre on the Go: Site-Specific Theatre**

Prerequisites:

THETR-129

Credits:

4.00

Description:

This project-based performance class explores the unique, specially adapted acting experience found working in unusual and sometimes public settings. Through improvisation and socio-drama exploration, students will write, produce and direct their own interactive and non-interactive performance pieces. This innovative team-building class will challenge your ideas of what and where theatre lives through discussion and performance. The semester will conclude with a group project to be performed publicly.

- **THETR-433 Advanced Singing for the Stage: Broadway Musicals Today**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Focusing on musicals written from the 1990-the present e.g. Next to Normal, The Last Five Years, and Spring Awakening, this advanced studio course provides students with an integrated approach to singing and stage performance. The fast-paced tempo of the class will encourage students to build on their previous training and experience and to become increasingly independent as they prepare for auditions and performance work beyond the university. Private vocal coaching and acting coaching will be scheduled outside of class. Students will be expected to prepare selected solos or duets and learn additional choreographed group numbers which will be presented at the end of the term for a public performance.

Term:

Occasional

- **THETR-444 Choreography I**

Credits:

4.00

Description:

This course encourages students to develop a broad palette of choreographic tools drawn from the work of early modern choreographers and theorists and post-modern techniques. The process of the class will include structured improvisations, analysis of historical and contemporary dance works, the development of a critical response process, journaling, and the creation of original solo and group work. Additionally, students will attend two dance concerts throughout the semester and submit written critiques of each performance. The class will culminate in the performance of self-selected compositions for an invited audience. Proper dance attire is required.

- **THETR-451 Set Design II**

Prerequisites:

THETR 331 or Instructor's Consent

Credits:

4.00

Description:

Taking up where THETR 331 left off, Set Design II is a studio course exploring the process of interpreting dramatic scripts in visual, three-dimensional ways at a much higher level of project realization. In addition to class work, students will develop advanced skills in model building, drafting and painting through independent studio work and individual meetings with the professor outside of class. Students will need a variety of painting and drawing supplies and equipment. Meets concurrently with Set Design I.

Term:

Occasional

- **THETR-460 A House for Words to Live In**

Prerequisites:

Prerequisites: THETR225 or THETR226, or THETR227 and THETR250 or THETR251 or THETR237 (or permission of the instructor)

Credits:

4.00

Description:

An upper level course, of interest to directors and dramaturges as well as designers, about a remarkable period in American theatre history, explored within the context of four stage designers and the playwrights with whom they collaborated. Scripts by O'Neil, Williams, Miller, and Odets will be studied in conjunction with their revelatory original designs, which have become as iconic as the plays themselves. The designer's process, the collaborative nature of theatrical production, and the advances in theatre technology will also be explored. The course will have a seminar format, require independent reading and research, and be writing intensive, culminating with a final term paper presented to the class.

Term:

Occasional

- **THETR-461 Play Analysis**

Credits:

4.00

Description:

This seminar course examines Shakespeare's plays and their modern correlatives. (i.e. Hamlet and The Seagull, King Lear and Endgame) Students read the texts out loud in class examining the meaning, action, objective, and philosophical and historical contexts with the professor. The goal is to get closer to the original intentions of the author and determine not only the basic theme and character relationships, but the kind of mind that could create such a play. In analyzing a modern play students also examine the impact of Shakespeare's mind on future playwrights. There will be a midterm paper and a final exam.

Term:

Offered Fall Term

Type:

Arts Admin Minor Elective

- **THETR-475 Directing II**

Prerequisites:

THETR-375 or instructor's consent

Credits:

4.00

Description:

Directing II focuses on the development of an individual directorial point of view and explores a variety of theoretical and applied approaches to cultivating interpretive skills. The course also examines how the director reconciles traditional theatrical conventions and techniques with the ability to create fresh, innovative and personal results. Students will stage weekly theatrical responses to class readings in addition to creating a fully-realized final directing project.

Term:

Offered Spring Term

- **THETR-477 Playwriting II**

Prerequisites:

THETR-377 or instructor's consent

Credits:

4.00

Description:

Playwriting II is a continuation, deepening and thickening of the principles learned in Playwriting I. A course designed for dedicated writers, students are expected to explore a wide variety of playwriting challenges, skills and techniques. Student works will be regularly shared and discussed in class. Students will also be assigned plays by recognized playwrights to discuss and analyze in class. Playwriting II students are encouraged to participate in "PlayDay!", an annual reading of new student-written plays. Normally offered alternate years.

Term:

Occasional

- **THETR-481 Arts Administration II**

Prerequisites:

THETR 491

Credits:

4.00

Description:

In this course, we will see how the administrative functions discussed in Arts Administration I work in different kinds of arts organizations. Using actual cases from the world of performing and visual arts, we will explore the operations for profit and non-profit arts producers and presenters, art service organizations, and many kinds of funding institutions. We will also discuss various approaches to arts administration in an international context. The course may include an internship with an arts organization in Boston.

- **THETR-488 Professional Internships**

Prerequisites:

instructor's consent and internship availability required

Credits:

1.00- 4.00

Description:

This course provides students with the opportunity to receive credit for their work on an approved internship assignment in the professional performing and visual art world. At the successful completion of the internship, students will be required to submit a written analysis of their experience as well as

a journal documenting the daily events of their project. Professional internships are difficult to secure. Interested students are advised to contact members of the Theatre Department faculty at least one semester in advance to facilitate this opportunity.

Term:

Offered Both Fall and Spring

- **THETR-489 Performance Studies**

Credits:

4.00

Description:

This course provides an overview of the modern concept of performance and how it has evolved in a variety of interdisciplinary fields. Encompassing the areas of dance, music, theatre, installation work, 'happenings' and spectacles, students will explore the ways performance is understood by ethnographers, anthropologists, linguists, cultural theorists, social scientists, and artists Using the theoretical base covered during the semester, students will conceive, develop, and present a final performance piece appropriate to their chosen discipline.

Term:

Occasional

- **THETR-507 Senior Honors Project**

Prerequisites:

Instructor's consent required

Credits:

0.00- 4.00

Description:

Theatre majors who have demonstrated academic excellence and involvement in department productions may propose to work with a faculty advisor during their senior year to focus intensively on a specific area of interest to prepare for graduate school and the professional world. Options include: a production, a research project, a professional internship, an experiential service learning project, a senior honors portfolio, or a self-defined independent project. Successful completion of this course confers departmental honors to graduating Theatre majors.

Term:

Offered Both Fall and Spring

- **THETR-508 Capstone Experience**

Credits:

0.00

Description:

The capstone experience demonstrates a student's high level of practical and/or academic facility and prepares them for their transition into the world of professional theatre and graduate school. Upper Level production activities within the theatre department that may fulfill this requirement are directing, designing, stage managing, acting a major role, playwriting, or some special approved project. Students may also fulfill this requirement by completing a Senior Honors Thesis.

- **THETR-510 Independent Study**

Prerequisites:

Instructor's consent required

Credits:

1.00- 8.00

Description:

Variable credits for approved projects outside the classroom. Since all independent studies must be approved by the Dean's Office, all interested students must be able to persuasively articulate their proposal in writing and include both an annotated reading list and a schedule of meetings with faculty supervisors.

Term:

Offered Both Fall and Spring

- **THETR-511 Professional Development**

Prerequisites:

Theatre majors or minors only.

Credits:

1.00

Description:

This course is designed to give students the tools to plan for and support a career path after graduation. Students will acquire effective business skills, learn the importance of proactivity and self-reliance, and develop strategies for establishing and sustaining professional networks of support. Students will also learn how to execute effective interviewing techniques, gain insight concerning personal strengths and weaknesses, and acquire life-long learning skills in order to begin their professional careers with defined strategic goals that will support their aspirations. Master Classes with professional theatre artists and field trips to professional theatres will also be included.



2017-2018 Archived Catalog Information

Women's & Gender Studies

As an interdisciplinary program, the Women's & Gender Studies minor draws on insights and analytic tools from the arts, history, literature, media, and the social sciences. Students may enroll in Women's & Gender Studies courses for elective credit or as a minor.

There is no major available in Women's & Gender Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Women's & Gender Studies Courses](#)

Minor Requirements: 5 courses, 20 credits

Core Requirement (1 course, 4 credits)

Choose one of the following:

- **WGS-111 Women, History, & Culture**

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of

gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Social & Intellectual HST

- **WGS-113 Women, Science, & Society**

Credits:

4.00

Description:

Explores women's lives from the perspective of the social and natural sciences, including examination of recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship in these areas. Topics include: the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women; the female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women.

Term:

Offered Both Fall and Spring

- **WGS-115 Introduction to Gender Studies**

Credits:

4.00

Description:

Introduces the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, explores the pervasive influence of gender on the structure of society and our everyday experiences and the role that gender plays in our understanding of love, friendship, sexuality, and even violence.

Topics include: biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Social & Intellectual HST

Electives (4 courses, 16 credits)

Choose four of the following courses, with no more than two from any single department except Women's & Gender Studies (WGS). Students who have taken WGS-111 or WGS-113 may take WGS-115 (Introduction to Gender Studies) as one of their four elective courses for the WGS minor.

- **ADPR-217 Gay and Lesbian Studies**

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social, and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions, and social movements.

Term:

Alternates Fall & Spring

- **ARH-205 Gender, Class and Alterity in Ancient And Medieval Art**

Credits:

4.00

Description:

Explores issues of sexuality, gender, race, and social class in the ancient and medieval worlds. Examines key artworks from ancient Greece, the Roman Empire and medieval Europe within historical, social and cultural contexts.

- **ARH-321 Women, Art & Society**

Credits:

4.00

Description:

Surveys women artists from the sixteenth century to the present and examines new direction in art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

- **ENG-356 Whitman and Dickinson**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An investigation of the lives and works of two of nineteenth-century America's greatest and most original poets. Topics will include types of poetic language and formal structure, the work of the poetic imagination in transforming observations of the world into art, and the ways in which poets process the idea of death and the reality of war. Finally, this course examines Whitman and Dickinson's impact on American popular culture as well as on the writings of modern poets and literary critics.

Term:

Occasional

- **ENG-387 Writing Women**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course studies 19th and 20th century women writers and questions the type of women who write, what they write about, and why they write. Themes we examine include domesticity, assimilation, and madness. Authors studied in the past have included Edith Wharton, Willa Cather, Anzia Yeziarska, Nella Larsen, and Sylvia Plath. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **FR-314 Marie Antoinette, Fashion Revolutionary**

Credits:

4.00

Description:

Explores the French Enlightenment and its culture leading up to the French revolution through a focus on one significant figure: Marie-Antoinette. Examines the relationship of female image and the body politic of eighteenth-century France. Considers the legacy of Marie-Antoinette as martyr and fetish object in the nineteenth and twentieth centuries, and focuses on her continuing relevance today. Topics include: women and power; fashion and self-representation; motherhood and domesticity; and revolution and gender iconography. All work in French.

Term:

Occasional

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

Explores the theme of love and its manifestation in representative works while being aware of the evolution of French Literature. Addresses various thematics that accompany a traditional survey of literature course such as critical discourse, aesthetic representation, literary movements, genre, construction of sexual identities, sexual politics as well as representations of ethnicity, class, and culture.

Term:

Occasional

Type:

Studies in Literature

- **FRST-319 Marie Antoinette: What Not to Wear**

Credits:

4.00

Description:

Explores the French Enlightenment and its culture leading up to the French revolution through a focus on one significant figure: Marie-Antoinette. Examines the relationship of female image and the body politic of eighteenth-century France. Considers the legacy of Marie-Antoinette as martyr and fetish object in the nineteenth and twentieth centuries, and focuses on her continuing relevance today. Topics include: women & power; fashion and self-representation; motherhood and domesticity; and revolution and gender iconography. All work in English.

- **GVT-306 Women & Public Policy**

Credits:

4.00

Description:

This hybrid course will examine the political leadership and influence of women within political institutions and on public policy. The course is divided into two parts: Part 1 will examine women in politics, with particular attention given to the intersectional realities of race, class, gender identity, and

ideological orientation. Specific policy areas, including reproductive choice, housing, pay equity, and domestic relations, will be discussed in Part 2.
Prerequisite: Open to non-majors; not open to freshmen. Normally offered alternate years. Cultural Diversity A

- **GVT-307 Globalization of Gender Politics**

Prerequisites:

Not open to freshmen

Credits:

4.00

Description:

This course examines the interaction between gender and globalization. It discusses the centrality of gender in international development by focusing on gender as one of the most critical factors that affect the success or the failure of globalization. Critically reviewing general theories of globalization, the course presents a historical overview of gender and development. It then explores selected topics: global restructuring and feminization of the labor force, gender in multinational corporations, gender and international migration, sex-tourism, AIDS, and the impact of the state, religion, and culture in creating social dislocations and inequalities. Finally, we will consider strategies of change and diverse forms of resistance by women. Offered as needed. Cultural Diversity B

- **HST-274 Women in 19TH-CENTURY Europe**

Credits:

4.00

Description:

Explores the condition of European women from 1800 to 1914. Readings focus primarily on women's experiences in France and Great Britain. Topics include: the effects of industrialization on the lives of working-class women; working and middle-class women's negotiation of marriage, work, and family life; the rise of feminism, women's greater participation in the public sphere, and conservative reaction to these changes in women's place in society; women and crime; Victorian ideas about female sexuality; the politics of class and gender in nineteenth-century European society.

Term:

Occasional

- **HST-275 Women in 20TH-CENTURY Europe**

Credits:

4.00

Description:

Examines the changing place of women in European society since 1900. Topics include: women's suffrage and the political advances of the 1920s and 1930s; the revolution in sexual mores, birth control, and the rise of companionate marriage; women and the consumer economy; the anti-woman policies of Fascist Italy and Germany under National Socialism; liberation of women and retrenchment in the Soviet Union; World War II; feminism, sexual liberation, and women's political engagement since the 1960s; and, throughout the twentieth century, women's continuing negotiation of work and family responsibilities.

Term:

Occasional

- **HST-371 U.S. Women's History Colonial to 1865**

Credits:

4.00

Description:

Traces the roles, images and experiences of women in America from colonial times to 1865. Topics include the family, work, religion, education, health care, motherhood, sexuality, social and political activism legal status, labor activism and popular culture. With attention to ethnicity, race, class, age, region of residence, disability and sexual orientation, the course focuses primarily on the everyday lives of ordinary women.

Term:

Offered Fall Term

- **HST-372 U.S. Women's History: 1865-present**

Credits:

4.00

Description:

Examines the social and cultural history of women in the United States from the close of the Civil War to the present. Using not only gender but also race, ethnicity, class, age, disability, region of residence, and sexual orientation as important categories of analysis, this course focuses on women's private and public lives. Topics include the family, work, religion, education, health care, private lives, motherhood, sexuality, social and political activism, legal status, labor activism, and popular culture.

Term:

Offered Spring Term

• HST-471 Self, Body, & Sexuality- U.S. History

Credits:

4.00

Description:

This course examines American debates over the natures, capacities, and responsibilities of men and women from settlement of the New World through the present. Emphasis is given to three elements of the self: social and civic personhood, the body, and sexuality. We will focus on representations of womanhood and masculinity - across racial, ethnic, and class lines - and their effects on men and women in society, politics, and at law. Course readings will also examine concepts of human nature and the interplay among mind, body, and sexuality.

Term:

Occasional

• HST-484 History of the Emotions

Credits:

4.00

Description:

Explores ideas about emotional life from the fields of history, anthropology, sociology, and psychology as well as the evolution of emotion rules and prescriptions, focusing on western Europe and the United States since 1700. In the eighteenth century, emotions were seen as a positive influence on politics and public life, especially during the French Revolution. After the fall of Robespierre, the emotions were banished to the private sphere - so we will read both primary sources and recent scholarship on 19th- and 20th- century ideas about masculinity and femininity, romantic love and marriage,

childrearing, and about what parents and children are supposed feel toward each other, how ideas about these subjects have changed over time, and whether our feelings change with them.

Term:

Occasional

- **LAWU-280 Domestic Violence, Abuse and Neglect**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

An opportunity to learn the history of domestic violence including battering, child abuse and child neglect, and the legal response to it. Focus will be on Massachusetts Law and its response, especially the Abuse Prevention Act, its application and enforcement, and on laws protecting children from abuse and neglect. Filings, law office issues and special issues in dealing with battered women and abused and neglected children will be included with the psychological issues, cultural issues, and advocacy possibilities. Normally offered yearly. Sophomore status required. Cultural Diversity A

- **MUH-221 History of Women in Music**

Credits:

4.00

Description:

Surveys music in the lives of women, including composers, performers, producers, mothers, and educators from the Middle Ages to the present; examines issues of gender and control, perspective in historical narrative, and religious and secular traditions that impact the cross-cultural reception of women's music. Normally offered every year.

Term:

Alternates Fall & Spring

- **PHIL-228 Feminist Philosophy**

Credits:

4.00

Description:

This course is an introduction to the philosophy of feminist thought. Feminist theories of epistemology, metaphysics and morality will be examined as critiques of traditional philosophy,. Feminist perspectives and methodologies include radical, liberal, postmodern, as well as more recent trends in ecofeminism. Special emphasis will be placed on explicit and implicit practices of alienation and exclusion as they have unfolded in the gendering of thought, truth, and reality. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

- **PHIL-265 Women in Spirituality**

Credits:

4.00

Description:

An exploration into the various dimensions and ideologies concerning the role of the feminine in relation to the Divine. Belief systems, myths and archetypes from ancient Goddess worship to 20th century feminist theology will be examined in terms of the philosophical content and psychological consequences. Special emphasis will be placed on feminist metaphysical structures for understanding consciousness and Reality. Classes will be conducted by means of lectures, primary and secondary texts and class discussions. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **SF-1135 Women Warriors: Stories of Captivity, Conversion, and Confession**

Credits:

4.00

Description:

Since the beginning of time, women have been doing battle to themselves, while men have gone to battle against others. Whether it is through converting to Christ, yielding to captors in order to survive, or carrying a baby, this course introduces students to the many ways in which, whatever battles they face, women are warriors; they survive. Utilizing an array of captivity, conversion, and confession narratives by women, and pairing them across the centuries, students will make connections and draw conclusions between early-and mid-19th-century-American and contemporary women. Students will connect, for example, the trials of the 17th-century Puritan captive, Mary Rowlandson, and contemporary hostage, Elizabeth Smart, to explore how women (no matter how different they seem) draw upon unique inner resources to survive.

• SOC-222 Women in Struggle on Film

Credits:

4.00

Description:

Women's struggles in arenas from war to labor disputes will be examined through films and writings. Societal, historical and cultural contexts of women's roles in films are discussed drawing on film criticism and sociological analyses.

Term:

Occasional

• SOC-230 Bad Girls

Credits:

4.00

Description:

This class explores the images of the traditional bad girl in films. The course examines the idea of moving beyond merely the delinquent, many images in film suggest that girls and women who break with the socially condoned role of femininity are somehow bad. Girls and women who have power or challenge authority are often portrayed in films as deviant and therefore bad. Girls and women who are frigid are just as bad as their sexually promiscuous silver-screen opposites. This course further focuses on the impact of these images on real life social roles for girls and women as well as the symbiotic relationship between fact and fiction.

Term:

Occasional

- **SOC-239 Men and Violence**

Credits:

4.00

Description:

An exploration of the nature of masculinity and its connection to interpersonal and collective violence in American society. The course focuses on the emotional, spiritual, social and cultural roots of the crisis of boyhood and masculinity as a context for and consequence of violence.

Term:

Occasional

- **SOC-273 Women in Contemporary Society**

Credits:

4.00

Description:

A critical analysis of theory and research related to the socialization, roles and social participation of women in contemporary society.

Term:

Occasional

- **SOC-275 Women and Crime**

Credits:

4.00

Description:

This course examines the complex relationships between women and crime today. This focus will include women as criminal offenders; women as victims of crime; and women as both offenders and victims. Course materials draw from recent feminist scholarship on these issues in the social sciences. Topics include the causes of women's crime women, drugs, and crime; child abuse and trauma; prostitution and sex trafficking; race, gender and victimization; and feminist social movements against violence. Crimes of violence against women are a central focus in the course.

Term:

Occasional

- **SOC-276 Sex and Society**

Credits:

4.00

Description:

An examination of human sexuality as experience and institution. Sexuality is considered in relationship to power, love, religion, family, race, gender, sexual orientation, violence and courtship.

Term:

Occasional

- **SOC-303 How Pocahontas Lives: the Health of Native American Women and Girls**

Credits:

4.00

Description:

Native American women and girls experience many threats to their well-being: polluted environments, violence, and the continuation of colonial practices mean that their lives are at risk. Dominant political, economic, and cultural norms do little to protect them. Yet Native American women and girls can and do assert their right to well-being as they choose to define it, achieving health and self-determination. This class will examine the indigenous women and girls of the United States, to consider the continued impact of colonialism on women's health and the role of self determination in creating opportunities for the improvement of Native American women's health.

- **SOC-355 Women and Health**

Credits:

4.00

Description:

An exploration of topics that relate particularly to women as providers and consumers in the health care system. The course will consider historical and current information on issues of reproduction, technology, health and illness.

Term:

Occasional

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

- **WGS-211 Heroines, Hotties & Hubris: Adolescent Girl's Books**

Credits:

4.00

Description:

Explores what we can learn from the books that teenage girls read. In addition to a wide array of interesting and complex Young Adult novels targeted to young female readers, students will be exposed to theories of adolescent development, literary criticism, and social theory. Topics include how the dilemmas of girlhood have changed or stayed constant and the urge, so common in books for children and teens, to teach kids how to think and behave.

Term:

Occasional

Type:

Studies in Literature

- **WGS-220 Other Worlds, Other Genders: Women and Science Fiction**

Credits:

4.00

Description:

Examines through both classic and contemporary science fiction a variety of possibilities for world-reimagining in the realms of gender, sexuality, race, and other forms of difference. Draws on theories of utopian and dystopian discourse, engages with questions of biology and reproduction, and explores colonialism through first-contact and space empire narratives.

Type:

Studies in Literature

- **WGS-230 Bad Boys: Representations of Masculinity In Popular Culture**

Credits:

4.00

Description:

Examines the social, moral, and political construction of masculinity through an analysis of film and other expressions of popular culture. Using case studies, explores the specific ways in which boys are impacted, stigmatized, and made bad in institutional arenas such as schools, sports, politics, family systems, the military, the workplace, and the criminal justice system.

- WGS-235 Gender and Sexuality in Visual Culture

Credits:

4.00

Description:

Explores visual representation of gender and sexuality in film, television, digital media, painting, and sculpture. Through readings in feminist thought and gay studies, by authors such as Kate Bornstein, Donna Haraway, David Halperin, Michel Foucault, and Lisa Cartwright, topics will include: the ways in which normality organizes gender and sexuality; effects of marginality for queer subjects of culture; popular representations of women and men, heterosexual and homosexual, gender and sexual minority subjects and their effect on our sense of ourselves; issues of identity, community, sexuality, power, and resistance; imagining alternative theories and practices in representing gender and sexuality in contemporary media culture.

- WGS-311 Engendering Entertainment: Feminism and Popular Culture

Credits:

4.00

Description:

Investigates the complex intersections between feminism and popular culture through several different lenses: by exploring, how feminists make arguments about popular culture; by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like The Bachelor and Grey's Anatomy; by focusing on a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's Female Chauvinist Pigs, and Caitlin Moran's How to Be a Woman. Along the way we will ask questions about: what makes a work of art feminist; how modern media contributes to or distracts us from a variety of political debates in the realm of female equality and how can we, as individuals, use modern media to create and advance smart, feminist arguments.

Type:

Social & Intellectual HST

- WGS-315 Feminist Thought

Credits:

4.00

Description:

Investigates how feminists, both today and in history, have understood inequality and difference and looked for the best ways to address these issues and bring about social justice. Examines how feminist theorists help us to understand how gender and other social categories, such as race, class, sexuality, disability, age and nationality, are constructed within and through each other; and analyzes feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory, as well as consider anti-feminist arguments. Readings include classic critical texts by authors including Mary Wollstonecraft, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler.

Type:

Social & Intellectual HST

- **WGS-325 Global Women's Fiction**

Credits:

4.00

Description:

Explores of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic.

Term:

Occasional

- **WGS-330 Furies to Femi-Nazis: A History of Modern Anti-Feminism**

Credits:

4.00

Description:

Explore the deep antipathy women have faced at nearly every turn in their struggles for civic and social inclusion. Anti-feminist denials of women's rights have taken the form of attacks on women's nature, bodies, and fitness for public life, tagging them with labels of otherness: opponents of women's rights deem them irrational, unnatural, traitors to society, even sexual deviants. This course will examine the dangers that women allegedly

represent to social stability from the Enlightenment to the present day, as well as how women have fought back to assert their rights and independence.

- **WGS-335 Queer Narratives**

Credits:

4.00

Description:

Explores the stories that help us to understand communities, identities, and bodies that could be considered queer, and the ways that film, music, memoir and fiction have discussed queer as different, unusual, or other. Texts include the documentary, "Paris Is Burning", Frank Ocean's 2012 album, "Channel Orange", and Janet Mock's recent memoir, "Redefining Realness", as well as foundational queer theory from Judith Butler, Eve Kosofsky Sedgwick, and Lee Edelman, among others, to help build a framework for approaching and interpreting both fictional and non-fictional accounts of queer lives.

Type:

Social & Intellectual HST

- **WGS-340 Women on Stage**

Credits:

4.00

Description:

Examines the history of female portrayal on the Western stage including women in Shakespeare and other early modern plays (when female characters were played by men); in Restoration comedy; the works of Oscar Wilde and George Bernard Shaw; and 20th and 21st century depictions of women on stage, including in the works of authors such as Lillian Hellman, Lorraine Hansberry, Caryl Churchill, Paula Vogel, Suzan-Lori Parks, Rebecca Gilman, and Sarah Ruhl. Students develop familiarity with key concepts in performance theory including catharsis, Brecht's alienation effect, and the distinction between performance and the performative.

WGS Track Courses (1 course, no more than 4 credits)

Some CAS courses can be taken to fulfill the WGS minor by registering for the optional WGS track of that course. Students who register for this track and complete the required WGS readings and assignments may count a maximum number of one of these courses toward the minor in Women's & Gender Studies. In order to register for the WGS track of a listed course, students should consult the instructor and the director of the Women's & Gender Studies program no later than the first week of class.

- **CJN-255 Introduction to Media**

Credits:

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television, and new media technologies develop, and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

A critique of the circulation of media goods and ideologies from both a cultural and political/economic perspective. Topics include global Hollywood, the images of Muslim women in transnational media, the information society, and global social movements.

Term:

Offered Spring Term

- **ENG-353 Dwelling in American Realism**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

In-depth exploration of American Realism from the post-Civil War era to the pre-WWI era (roughly 1875 to 1915). Particular emphasis is given to the role of houses and material and consumer culture in the forging of American identity. Authors may include Howells, Twain, James and Wharton among others. Normally offered alternate years. Students will also visit authors' houses in the Boston area. This course requires prior approval in order to count towards the Women's and Gender Studies Minor. Students should consult with the instructor and the director of the WGS Minor no later than the first week of classes.

Term:

Occasional

- **ENG-392 Readings in Post-Colonial Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An Exploration of Post-colonial literature and how the empire writes back following the collapse of European colonialism. Special emphasis will be placed on the legacy of British Colonial rule and the contemporary use of literature and the English Language to both resist and problematize Eurocentric cultural assumptions. Authors studied will include E.M. Foster, Salman Rushdie, J.M. Coetzee, Anita Desai, Hanif Kureishi, and Zadie Smith, among others. Students will be introduced to Post-colonial critical theory and view film adaptations of literary texts.

Term:

Occasional

- **ENG-409 Literary Bloomsbury: Woolf and Forster**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This class will engage with the major novels and selected literary writings of two of the twentieth century's most important modernist voices, Virginia Woolf and E.M. Forster. We will approach their writings within the intellectual framework of British modernism and the cultural context of the Bloomsbury Group out of which they emerged. Special attention will be paid to their theoretical writings on fiction as well as their respective contributions to feminism and queer theory. The class will also view cinematic adaptations of certain novels and discuss how these films have contributed to the enduring appeal and status of these texts as classics of twentieth-century fiction.

Term:

Occasional

- **HST-426 Politics and Culture in Europe 1919-1939**

Credits:

4.00

Description:

Explores the social and political development of European society between the two world wars, primarily through the literature, art, and films of the period. Topics include: the dissolution of pre-1914 middle class society; deviance and sexuality in the 1920s; the role of decadence in art and the Fascist response to deviance in life and art; women, workers, and the new technology; the rise of Fascism; political engagement and polarization throughout European society in the face of economic and social crisis.

Term:

Occasional

Type:

- **HST-489 Germany: Film, Politics, Memory Since 1945**

Credits:

4.00

Description:

Explores German history since 1945 through film, newsreels and other archival footage, war memorials and museums, novels, published diaries, memoirs, and recent historical scholarship. Topics include the representation, in film and other texts, of: post-war rebuilding; the German Economic Miracle; divided Berlin; 1960s and 70s radical politics; coming to terms since 1945, with Germany's Nazi past and the Holocaust; coming to terms since 1990 with the Stasi and East German past; Ostalgie (nostalgia in the 21st century for some aspects of East German socialism); the multi-cultural society that is Germany today, with new Turkish, Greek, Russian, Arab, and even Israeli communities.

Type:

Social & Intellectual HST

- **SOC-256 Sociology of Aging**

Credits:

4.00

Description:

Consideration of the physiological, psychological and social factors associated with the aging process. Contemporary American values toward the elderly are compared and contrasted with historical and cross-cultural studies. Current opportunities and techniques enabling the elderly to enrich and expand their societal roles are explored.

Term:

Occasional

For the most current list of courses with an option WGS track, or for more information, contact the director of Women's & Gender Studies.

Advanced Topics

Students may wish to include specialized research and/or an internship as part of their minor program. They may do so by completing the following course under the supervision of the program director or a member of the Women's & Gender Studies Committee:

- **WGS-510 Independent Study**

Prerequisites:

An Independent Study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Substantive reading/research in an area of special interest in Women's and Gender Studies, directed by a faculty member in the appropriate academic discipline. Open to Juniors and Seniors by special arrangement with the relevant faculty member and the Director of Women's and Gender Studies. Instructor's permission required.

Residency Requirement Policy: In the College of Arts and Sciences, a two-course residency requirement must be satisfied for completion of a minor and a four-course residency requirement must be satisfied for the completion of a major.



2017-2018 Archived Catalog Information

Women's & Gender Studies

As an interdisciplinary program, the Women's & Gender Studies minor draws on insights and analytic tools from the arts, history, literature, media, and the social sciences. Students may enroll in Women's & Gender Studies courses for elective credit or as a minor.

There is no major available in Women's & Gender Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Women's & Gender Studies Courses](#)
- WGS-111 Women, History, & Culture

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Social & Intellectual HST

- **WGS-H111 Women, History, & Culture**

Prerequisites:

At least a 3.3 GPA required.

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Honors

- **WGS-113 Women, Science, & Society**

Credits:

4.00

Description:

Explores women's lives from the perspective of the social and natural sciences, including examination of recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship in these areas. Topics include: the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women; the female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women.

Term:

Offered Both Fall and Spring

- **WGS-115 Introduction to Gender Studies**

Credits:

4.00

Description:

Introduces the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, explores the pervasive influence of gender on the structure of society and our everyday experiences and the role that gender plays in our understanding of love, friendship, sexuality, and even violence. Topics include: biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Social & Intellectual HST

- **WGS-211 Heroines, Hotties & Hubris: Adolescent Girl's Books**

Credits:

4.00

Description:

Explores what we can learn from the books that teenage girls read. In addition to a wide array of interesting and complex Young Adult novels targeted to young female readers, students will be exposed to theories of adolescent development, literary criticism, and social theory. Topics include how the dilemmas of girlhood have changed or stayed constant and the urge, so common in books for children and teens, to teach kids how to think and behave.

Term:

Occasional

Type:

Studies in Literature

- **WGS-220 Other Worlds, Other Genders: Women and Science Fiction**

Credits:

4.00

Description:

Examines through both classic and contemporary science fiction a variety of possibilities for world-reimagining in the realms of gender, sexuality, race, and other forms of difference. Draws on theories of utopian and dystopian discourse, engages with questions of biology and reproduction, and explores colonialism through first-contact and space empire narratives.

Type:

Studies in Literature

- **WGS-230 Bad Boys: Representations of Masculinity In Popular Culture**

Credits:

4.00

Description:

Examines the social, moral, and political construction of masculinity through an analysis of film and other expressions of popular culture. Using case studies, explores the specific ways in which boys are impacted, stigmatized, and made bad in institutional arenas such as schools, sports, politics, family systems, the military, the workplace, and the criminal justice system.

- WGS-235 Gender and Sexuality in Visual Culture

Credits:

4.00

Description:

Explores visual representation of gender and sexuality in film, television, digital media, painting, and sculpture. Through readings in feminist thought and gay studies, by authors such as Kate Bornstein, Donna Haraway, David Halperin, Michel Foucault, and Lisa Cartwright, topics will include: the ways in which normality organizes gender and sexuality; effects of marginality for queer subjects of culture; popular representations of women and men, heterosexual and homosexual, gender and sexual minority subjects and their effect on our sense of ourselves; issues of identity, community, sexuality, power, and resistance; imagining alternative theories and practices in representing gender and sexuality in contemporary media culture.

- WGS-311 Engendering Entertainment: Feminism and Popular Culture

Credits:

4.00

Description:

Investigates the complex intersections between feminism and popular culture through several different lenses: by exploring, how feminists make arguments about popular culture; by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like The Bachelor and Grey's Anatomy; by focusing on a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's Female Chauvinist Pigs, and Caitlin Moran's How to Be a Woman. Along the way we will ask questions about: what makes a work of art feminist; how modern media contributes to or distracts us from a variety of political debates in the realm of female equality and how can we, as individuals, use modern media to create and advance smart, feminist arguments.

Type:

Social & Intellectual HST

- WGS-315 Feminist Thought

Credits:

4.00

Description:

Investigates how feminists, both today and in history, have understood inequality and difference and looked for the best ways to address these issues and bring about social justice. Examines how feminist theorists help us to understand how gender and other social categories, such as race, class, sexuality, disability, age and nationality, are constructed within and through each other; and analyzes feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory, as well as consider anti-feminist arguments. Readings include classic critical texts by authors including Mary Wollstonecraft, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler.

Type:

Social & Intellectual HST

• WGS-325 Global Women's Fiction

Credits:

4.00

Description:

Explores of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic.

Term:

Occasional

• WGS-H325 Global Women's Fiction

Prerequisites:

CAS or SBS Honors Students only or at least 3.3 GPA

Credits:

4.00

Description:

Explores of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic.

Term:

Occasional

Type:

Honors

- **WGS-330 Furies to Femi-Nazis: A History of Modern Anti-Feminism**

Credits:

4.00

Description:

Explore the deep antipathy women have faced at nearly every turn in their struggles for civic and social inclusion. Anti-feminist denials of women's rights have taken the form of attacks on women's nature, bodies, and fitness for public life, tagging them with labels of otherness: opponents of women's rights deem them irrational, unnatural, traitors to society, even sexual deviants. This course will examine the dangers that women allegedly represent to social stability from the Enlightenment to the present day, as well as how women have fought back to assert their rights and independence.

- **WGS-335 Queer Narratives**

Credits:

4.00

Description:

Explores the stories that help us to understand communities, identities, and bodies that could be considered queer, and the ways that film, music, memoir and fiction have discussed queer as different, unusual, or other. Texts include the documentary, *Paris Is Burning*", Frank Ocean's 2012 album, *Channel Orange*", and Janet Mock's recent memoir, *Redefining Realness*", as well as foundational queer theory from Judith Butler, Eve Kosofsky Sedgwick, and Lee Edelman, among others, to help build a framework for approaching and interpreting both fictional and non-fictional accounts of queer lives.

Type:

Social & Intellectual HST

- **WGS-340 Women on Stage**

Credits:

4.00

Description:

Examines the history of female portrayal on the Western stage including women in Shakespeare and other early modern plays (when female characters were played by men); in Restoration comedy; the works of Oscar Wilde and George Bernard Shaw; and 20th and 21st century depictions of women on stage, including in the works of authors such as Lillian Hellman, Lorraine Hansberry, Caryl Churchill, Paula Vogel, Suzan-Lori Parks, Rebecca Gilman, and Sarah Ruhl. Students develop familiarity with key concepts in performance theory including catharsis, Brecht's alienation effect, and the distinction between performance and the performative.

- **WGS-510 Independent Study**

Prerequisites:

An Independent Study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Substantive reading/research in an area of special interest in Women's and Gender Studies, directed by a faculty member in the appropriate academic discipline. Open to Juniors and Seniors by special arrangement with the relevant faculty member and the Director of Women's and Gender Studies. Instructor's permission required.



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• ASL-101 Elementary American Sign Language I

Credits:

4.00

Description:

Introductory course for nonnative signers. Emphasis on receptive skills, vocabulary, and grammar. Introduction to issues important to the Deaf community. One language laboratory session per week.

Term:

Offered Fall Term

- ASL-102 Elementary American Sign Language II

Prerequisites:

ASL 101

Credits:

4.00

Description:

Continues to develop receptive skills, vocabulary and grammar. Explores patterns of lexical and grammatical structure. Fosters awareness of issues important to the Deaf community.

Term:

Offered Spring Term



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- ARAB-101 Elementary Modern Standard Arabic

Credits:

4.00

Description:

Masters Arabic alphabet, learn elementary formal grammar and develop reading, speaking, and writing skills.

Term:

Offered Fall Term

- **ARAB-102 Elementary Modern Arabic II**

Prerequisites:

ARAB 101 or Instructor's consent

Credits:

4.00

Description:

Continues to master Arabic alphabet, learn elementary formal grammar and develop reading, speaking, and writing skills.

Term:

Offered Spring Term



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- CHIN-101 Elementary Chinese I

Credits:

4.00

Description:

Introduces Modern Standard Chinese (Mandarin) with an emphasis on developing conversational skills by using authentic materials such as video, audio, and various print media that teach fundamental grammatical patterns and vocabulary in functional contexts. Basic reading and writing (in Simplified Characters) are also taught.

Term:

Offered Fall Term

- **CHIN-102 Elementary Chinese II**

Prerequisites:

CHIN 101 or Instructor's consent.

Credits:

4.00

Description:

Continues to develop proficiency in reading, writing, and speaking Modern Standard Chinese (Mandarin). Helps to develop listening comprehension skills with the use of authentic materials, such as print media, audio, and video materials. Advanced beginning level of reading and writing of Simplified Chinese characters is taught.

Term:

Offered Spring Term

Type:

Modern Language

- **CHIN-202 Intermediate Chinese II**

Prerequisites:

CHIN 201 or Instructor's consent.

Credits:

4.00

Description:

Continuation of skills developed in CHIN 201.

Term:

- CHIN-211 Survey of Chinese Literature and Culture I

Credits:

3.00

Description:

This is an introductory and interdisciplinary course on Chinese civilization and traditional Chinese literature. It will provide the student with a brief introduction to the cultural legacy and literature of China from the archaeological origins of Chinese civilization to the present time. The diverse origins of China's civilization are stressed as topics in political, social, and economic history are explored, with a focus on developments in language, literature, and art. This course is a good introduction to further study of Chinese history and culture and, in particular, provides a valuable context for themes treated in Modern China.

- CHIN-510 Independent Study

Credits:

4.00

Description:

Various topics can be covered based on student interest. Topics have included study and discussion of Taiwanese and Hong Kong film, and also an in-depth study of Chinese literature from the pre-modern to the modern period. Topics are to be arranged with faculty member.

Term:

Occasional

Type:

Asian Studies



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- FR-101 Elementary French I

Credits:

4.00

Description:

Develops reading, writing, speaking, and listening skills. Explores audio-visual and textual materials based on French and Francophone cultural themes.

Term:

Offered Fall Term

- **FR-102 Elementary French II**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

Continues to develop reading, writing, speaking, and listening skills. Explores audio-visual and textual materials based on French and Francophone cultural themes.

Term:

Offered Spring Term

Type:

Modern Language

- **FR-201 Intermediate French I**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

Reviews grammar, practice speaking, and continues to explore authentic cultural and literary texts in this writing-intensive course. Examines short readings, films, and print media.

Term:

Offered Fall Term

Type:

Modern Language

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continues to review grammar, practice speaking, and explore authentic cultural and literary texts in this writing-intensive course. Examines short readings, films, and print media.

Term:

Offered Spring Term

Type:

Modern Language

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

Explores the francophone world through the study of short stories, print media, and film, by engaging with the rich textured and diverse francophone literary canon. Teaches advance notions of French grammar, write compositions, and the art of conversation related to cultural themes.

Term:

Alternates Fall & Spring

- **FR-206 Composition, Conversation and Professional Development**

Prerequisites:

FR-202

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

- **FR-214 Marie Antoinette, Fashion Revolutionary**

Credits:

4.00

Description:

Explores the French Enlightenment and its culture leading up to the French revolution through a focus on one significant figure: Marie-Antoinette. Examines the relationship of female image and the body politic of eighteenth-century France. Considers the legacy of Marie-Antoinette as martyr and fetish object in the nineteenth and twentieth centuries, and focuses on her continuing relevance today. Topics include: women and power; fashion and self-representation; motherhood and domesticity; and revolution and gender iconography. All work in French.

Term:

Occasional

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

Masterpieces of French and Francophone Literature in English Translation. Studies works translated into English by major authors from the Middle Ages to the present. Explores drama, fiction, and poetry from many regions of the world: Africa, Western Europe, North America, the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Studies in Literature

- **FR-220 French & Francophone Cinema**

Credits:

4.00

Description:

Discusses and deepens understanding of French and Francophone cinema from its origins in the late nineteenth century to the early twenty-first century. Explores early works from France, by the Lumiere Brothers and Georges Melies as well as contemporary films from France, Algeria, Burkina Faso, Canada, Haiti, and Senegal.

Term:

Occasional

- **FR-306 Composition, Conversation and Advanced Grammar**

Prerequisites:

FR-202;

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

• **FR-309 Survey of French Literature I**

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

Analyzes and discusses canonical works of French literature from medieval times to the eighteenth century.

Term:

Offered Fall Term

Type:

Studies in Literature

- **FR-310 Survey of French Literature II**

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

Study, analyze and discuss canonical works of French-language literature from the nineteenth through the twenty-first centuries, as they relate to important events in the art, culture, and history of the Francophone world.

Term:

Offered Spring Term

Type:

Studies in Literature

- **FR-313 Island Fictions Identity**

Credits:

4.00

Description:

This class will explore the rich literary tradition of three Caribbean island-nations: Guadeloupe, Haiti, and Martinique. Class discussion will focus on a wide range of topics including: the different uses of Creole and French; the Negritude, Spiralisme, Antillanite and Creolite movements; the relationship between Africa and the African diaspora; gender and sexuality in the Caribbean; and postcolonial memory and post-colonial history as reflected in the work of prize-winning Caribbean women writers from the twentieth and twenty-first centuries. Normally offered alternate years. The class is taught in English, and is cross-listed with the Black Studies Program as well as the Women's and Gender Studies Program.

- **FR-314 Marie Antoinette, Fashion Revolutionary**

Credits:

4.00

Description:

Explores the French Enlightenment and its culture leading up to the French revolution through a focus on one significant figure: Marie-Antoinette. Examines the relationship of female image and the body politic of eighteenth-century France. Considers the legacy of Marie-Antoinette as martyr and fetish object in the nineteenth and twentieth centuries, and focuses on her continuing relevance today. Topics include: women and power; fashion and self-representation; motherhood and domesticity; and revolution and gender iconography. All work in French.

Term:

Occasional

- **FR-315 Mots Doux: Love, Lust and Literature**

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

Explores the theme of love and its manifestation in representative works while being aware of the evolution of French Literature. Addresses various thematics that accompany a traditional survey of literature course such as critical discourse, aesthetic representation, literary movements, genre, construction of sexual identities, sexual politics as well as representations of ethnicity, class, and culture.

Term:

Occasional

Type:

Studies in Literature

- **FR-316 Masterpieces of Theatre**

Prerequisites:

Take FR-205 and FR-305 or instructor's consent

Credits:

4.00

Description:

Studies the major plays written in French from the seventeenth through the twenty-first centuries, with a focus on the socio-historical contexts in which the plays emerged. Analyzes and produces scenes from the plays, and reads and performs select scenes at the end of the semester. Explores authors such as Anouilh, Beckett, Cesaire, Genet, Ionesco, Marivaux, Moliere, Py, Racine, Reza, Sartre, and Schwarz-Bart.

- **FR-318 Face in the Mirror: Writing & Reflecting the Self in French**

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

Examines literature in the French language focusing on memoir, essay, and autobiography. Read authors such as, Montaigne, Rousseau, Lamartine, Colette, Duras, Beauvoir, Le, Chamoiseau, Djebbar, Conde, Ernaux, Genet, and Satrapi. Develops an appreciation of the differences between autobiography and autofiction. Explores the question of truth and the fallibility of memory.

Type:

Studies in Literature

- **FR-320 French & Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

- **FR-401 Special Topics in French and Francophone Studies**

Prerequisites:

FR-202

Credits:

4.00

Description:

Examines a range of topics in French and Francophone studies. Provides individualized guidance and promotes advanced-level research in the special topic area.

Term:

Occasional

- **FR-402 Internship in French-Speaking Workplace**

Prerequisites:

FR-101 and FR-102 and permission of instructor

Credits:

1.00- 4.00

Description:

Designed to enable students to work in a local organization in which the French language and/or Francophone culture is a focus. Libraries, cultural centers, embassies, restaurants and bakeries are some places where this independent study course will carry variable credit, depending on the number of hours devoted to the internship and the related academic work done by the student. Interested students should consult the instructor as they are applying for internships.

- **FR-410 Contemporary France**

Credits:

4.00

Description:

Studies a specific theme related to art, culture, history, literature and politics from the end of World War II to the present day.

Term:

Occasional

- **FR-422 Sejour Linguistique au CCFS-Sorbonne**

Prerequisites:

FR 201 and FR 202 or Instructor's Consent. Can take course for 1 term for 16 credits or 2 terms for 32 credits.

Credits:

4.00-16.00

Description:

Provides an immersion program in Vichy, France through a partnership with CCFS-Sorbonne, l'Universite de Paris IV. Students are housed with families, participate in excursions and take classes that are conducted entirely in French.

Term:

Offered Both Fall and Spring

- **FR-502 Honors Senior Thesis in French**

Prerequisites:

Senior Standing and permission of Dept. Chair.

Credits:

4.00

Description:

Undertakes a major research project completed under the supervision of a regular faculty member offered every fall semester.

Term:

Offered Fall Term

• **FR-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Pursues advanced studies in an area of particular interest under the supervision of a faculty member.

Term:

Occasional



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- GER-101 Elementary German I

Credits:

4.00

Description:

Practice in both oral and written language skills using German culture as background for language study. Emphasis on active use of German to master structure, pronunciation and vocabulary. One language laboratory session per week.

Term:

Offered Fall Term

- GER-102 Elementary German II

Prerequisites:

Ger-101 or instructor's permission

Credits:

4.00

Description:

Continuation of skills development from 101. One language laboratory session per week.

Term:

Offered Spring Term

Type:

Modern Language

- GER-201 Intermediate German I

Prerequisites:

GER 102 or instructor's consent

Credits:

4.00

Description:

Four-skills approach (speaking, listening, reading, writing) utilizing authentic texts, recordings, and visual media. Grammar review, vocabulary expansion, and intensive practice. One language laboratory session per week.

Term:

Offered Fall Term

Type:

Modern Language

- **GER-202 Intermediate German II**

Prerequisites:

GER 201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 201. One language laboratory session per week.

Term:

Offered Spring Term

Type:

Modern Language

- **GER-216 Masters of German Literature in English Translation Masterpieces**

Credits:

4.00

Description:

Discussion of works by major authors from the 18th century to the present. Drama, fiction, and poetry. The specifically German contributions as related to the European context. Lessing, Goethe, Schiller, Heine, Buchner, Schnitzler, Kafka, T. Mann, Hesse, Brecht, Seghers, Grass, Boll, Wolf and/or others.

Term:

Occasional

- GER-303 Advanced Conversation

Prerequisites:

GER 202, or Instructors consent

Credits:

4.00

Description:

Further development of speaking ability in various contexts (e.g., informal conversation, debate, discussion of current events in the German-speaking countries). Short texts and audio-visual materials as a basis for classroom activities.

Term:

Occasional

- GER-304 Advanced Composition

Prerequisites:

GER 202 or consent of the instructor

Credits:

4.00

Description:

Additional training in writing German. Practice in various modes (e.g., essay, poetry, dramas, short fiction). Some translation into English. Special attention paid to grammatical points where needed.

Term:

Occasional

- GER-306 German Cinema

Credits:

4.00

Description:

A survey of films produced in the German speaking countries from the 1920's to the present. Includes the Weimar republic, the Nazi period, postwar production from both East and West Germany, and new trends since reunification. Film esthetics and socio-historical context. All films shown in German with English subtitles.

Term:

Occasional

- **GER-412 Contemporary Germany**

Credits:

4.00

Description:

A survey of German culture, politics, and society from the end of World War II to the present day. Discussion of such topics as the post-fascist mentality, economic efficiency, re-education, Americanization, division and it's legacy, high culture, entertainment for the masses, environmental movements, pacifism, and multiculturalism. Taught in English.

Term:

Occasional

- **GER-510 German Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Students meet with a departmental faculty member to pursue advanced studies in areas of particular interest to them.



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- **ITAL-101 Elementary Italian I**

Credits:

4.00

Description:

Practices and develops oral and written language skills. Explores the culture and language of Italy through audio-visual and textual materials.

Term:

Offered Fall Term

- **ITAL-102 Elementary Italian II**

Prerequisites:

ITAL-101 or instructor's permission

Credits:

4.00

Description:

Continues to practice oral and written language skills. Explores the culture and language of Italy through audio-visual and textual materials.

Term:

Offered Spring Term

Type:

Modern Language



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- JPN-101 Elementary Japanese I

Credits:

4.00

Description:

For students with no previous knowledge. An introduction to features of spoken and written Japanese. Stresses grammar, oral performance and simple characters.

Term:

Offered Fall Term

- **JPN-102 Elementary Japanese II**

Prerequisites:

JPN-101 or Instructor's consent

Credits:

4.00

Description:

Continues to develop proficiency in reading, writing, and speaking Japanese. Helps to further develop listening skills with the use of authentic materials, such as print media and audio files.

Term:

Offered Spring Term

- **JPN-202 Intermediate Japanese II**

Prerequisites:

JPN-201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills developed from JPN 201. One language laboratory session per week.

Term:

Offered Spring Term

- **JPN-510 Independent Study**

Prerequisites:

Instructor's Permission required.

Credits:

4.00

Description:

Various topics can be covered based on student interest. Topics have included intensive upper-level reading comprehension and grammar study. Topics are to be arranged with faculty member.



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World Languages

Options for majors and minors are described in other sections of this catalog.

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- [Spanish Courses](#)

• SPAN-101 Elementary Spanish I

Credits:

4.00

Description:

Practice in both oral and written language skills. Class activities are organized around cultural themes that reflect the diversity of the Hispanic world and its interconnectedness with the rest of the world. Weekly laboratory sessions required.

Term:

Offered Fall Term

- **SPAN-102 Elementary Spanish II**

Prerequisites:

SPAN 101 or Instructor's consent

Credits:

4.00

Description:

Continues skills development from 101. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

Modern Language

- **SPAN-201 Intermediate Spanish I**

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

Reviews Spanish grammar and examines Spanish through authentic materials of cultural interest. Students develop written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

Modern Language

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

Modern Language

- **SPAN-H202 Honors Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

A continuation of skills development from 201. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

Honors

- **SPAN-203 Intensive Intermediate Spanish**

Prerequisites:

SPAN 201 or or Instructor's consent

Credits:

4.00

Description:

A writing and reading intensive course for students who are thinking about minoring and possibly majoring in Spanish. There will be a brief review of grammar, but the primary materials will come from the textbook, LAZOS, with ancillary materials from the print media and audio-visual sources. A weekly tertulia will be required instead of language lab.

Term:

Alternates Fall & Spring

- **SPAN-205 Intensive Intermediate Spanish**

Prerequisites:

SPAN 201 or or Instructor's consent

Credits:

4.00

Description:

A writing and reading intensive course for students who are thinking about minoring and possibly majoring in Spanish. There will be a brief review of grammar, but the primary materials will come from the textbook, LAZOS, with ancillary materials from the print media and audio-visual sources. A weekly tertulia will be required instead of language lab.

Term:

Alternates Fall & Spring

- **SPAN-210 Spanish in the Workplace**

Credits:

4.00

Description:

This course is designed for students who have successfully completed Spanish (201) at Suffolk or its equivalent elsewhere. Through a systematic review of grammar, a diversity of readings, and oral as well as written work, students will increase their lexical and grammatical knowledge of Spanish language specific to the workplace in order to communicate more easily and comfortably. Students will also be better prepared to deal with the specific themes related to business introduced in the course. (This course is not for Spanish minors or majors, but may be taken as a free elective.)

- **SPAN-290 Advanced Composition & Conversation**

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

Modern Language

- **SPAN-295 Spanish in the Workplace**

Credits:

4.00

Description:

This course is designed for students who have successfully completed Spanish (201) at Suffolk or its equivalent elsewhere. Through a systematic review of grammar, a diversity of readings, and oral as well as written work, students will increase their lexical and grammatical knowledge of Spanish language specific to the workplace in order to communicate more easily and comfortably. Students will also be better prepared to deal with the specific themes related to business introduced in the course. (This course is not for Spanish minors or majors, but may be taken as a free elective.)

- **SPAN-300 Intro to Cultural Texts**

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

• **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

• **SPAN-303 Modern and Contemporary Latin America**

Prerequisites:

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

• SPAN-305 Living in Translation

Prerequisites:

SPAN 250, 290, or 300 or Instructor's consent.

Credits:

4.00

Description:

Examines the process and theory of translation. Materials are drawn from the literary world, the mass media (i.e. advertising, marketing, news, entertainment), and professional sources. Students gain further insights about the linguistic, cultural, and ethical dimensions of the field. Additional grammar review provided as needed.

Term:

Occasional

• SPAN-315 Spanish for the Professions

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

Integrates language learning with culture via business context of the Hispanic world. Spanish for banking and finance, marketing and advertising, and international commerce are highlighted. Students increase their cross-cultural understanding and written and oral proficiency in business Spanish through a wide range of assignments.

Type:

Global Engagement Experience

- **SPAN-340 Hispanic Culture Today: Trans-Atlantic Perspective**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

An examination of key issues in Hispanic culture today through the study of literature, film, music and TV. The purpose of the course is twofold: To introduce the students to major themes in recent Hispanic society and culture and, to develop the necessary skills to read and analyze literary texts and other cultural forms. Topics to be discussed include dictatorship and democracy, women and representation, political and domestic violence, national identity, immigration, and mass culture. The selected materials will include texts by authors like Manuel Rivas, Mario Vargas Llosa, Carlos Fuentes, Cristina Peri Rossi, Rosa Montero, Carlos Monsivais, and Roberto Bolano among others. (Madrid campus only)

- **SPAN-350 Spanish Cultural Studies**

Credits:

4.00

Description:

This is an interdisciplinary course that will examine the historical and socio-economic causes of contemporary Spanish culture. Material will be drawn from a variety of sources including: history, sociology, gender studies, literature and philosophy. Extensive reference will be made to the non-Western

cultures which have made Spain what it is today. (Usually taught in English). (Madrid campus only)

- **SPAN-360 Madrid Cosmopolitan City**

Prerequisites:

SPAN-290 or SPAN-300 or Instructor's consent

Credits:

4.00

Description:

This course is designed to provide students with a basic knowledge of the city of Madrid in terms of its historical, cultural, and social development. Contemporary aspects of the city such as its rise to prominence amongst the capitals of Europe and the phenomenon of recent immigration patterns will also be discussed. All classes will be conducted in Spanish. Specific grammar points will be reviewed as needed. (Madrid campus only)

Type:

Global Engagement Experience

- **SPAN-365 Spanish Cities: An Ongoing Transformation**

Prerequisites:

Take SPAN-290; Taught in Spanish

Credits:

4.00

- **SPAN-390 Introduction to Latin American and Caribbean Literature**

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

- **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

Explores the relationship between social history, cultural identity and artistic expression through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, mass culture and gender are among the topics examined. Readings include novel, short story, poetry and drama. Films and documentaries further illustrate the connections between society and text.

Term:

Occasional

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

• SPAN-408 Latin American Cinema

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

• SPAN-410 Representation and Reality in Spanish Cinema

Credits:

4.00

Description:

This course offers the students a panoramic view of the most representative Spanish films from the 1950's until today, with special emphasis on its social, political, artistic and cultural context. Films will be viewed in Spanish with English subtitles. Conducted in English, the course will be open to

both non-majors in Spanish as well as to advanced-level Spanish majors and minors, with the latter carrying out their written work and individual meetings with the instructor in Spanish.

- **SPAN-416 Border Crossings/The Latino Experience In the Usa**

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, and *American*.

Term:

Occasional

- **SPAN-417 Changes in Social Values in Spain 1975 - 2005**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent. SPAN 350 is strongly recommended.

Credits:

4.00

Description:

In this course we will study the transition of Spain from dictatorship to democracy from an interdisciplinary perspective based mostly on the analysis of literary works, film, visual arts and music besides relevant theoretical articles by major Spanish and international intellectuals. Youth culture (sex, drugs and rock and roll), the feminist movement, nationalistic demands, and Spain's subsequent incorporation into the European Union will be highlighted. (Madrid campus only)

• SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film

Prerequisites:

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

• SPAN-425 Literature and Art in Latin America

Prerequisites:

Span 290 or Span 300; Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

Examines the dynamic relationships that exist between art (both visual and lyrical) and the written word. Through a juxtaposition of work by twentieth century authors from Latin America and the Caribbean and other artists who explore similar themes, students examine the multiple ways in which art and literature contribute to our understanding of life in Latin America and the Caribbean. Materials are drawn from the fields of music, photography, poetry, prose, theatre, and visual art.

Term:

Occasional

- **SPAN-427 U.S. Mexican Border in the New Millennium**

Prerequisites:

SPAN 290 or 300 or Instructor's consent

Credits:

4.00

Description:

Explores the literature, culture, and history of the United States-Mexico Border, and analyzes the profound changes that the gain/loss of territories created by the Treaty of Guadalupe Hidalgo caused for the citizens in the region. Emphasis is on contemporary border theatre and film. Students read works of Salcedo, Galindo, Mijares, Rascon Banda, among others, and examine contemporary films and documentaries such as *Senorita Extraviada*, *Victoria para Chino*, and *Crossing Arizona*.

Term:

Occasional

- **SPAN-428 From Script to Performance: Contemporary Latin American Theatre**

Prerequisites:

Span 290 or 300; Span 302 is strongly recommended

Credits:

4.00

Description:

Students examine the contemporary world of Latin American Theatre. A study of basic theatre concepts and methodology prepares students to perform in *Noche de teatro latinoamericano*, a public performance of three one-act plays from contemporary Latin American Playwrights. Publicity and set design are also part of the course framework.

Term:

Occasional

- **SPAN-502 Honors Thesis**

Prerequisites:

Senior standing & permission of the Dept. Chair

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Offered Fall Term

- **SPAN-510 Independent Study**

Prerequisites:

Instructor consent required.

Credits:

1.00- 4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

- **SPAN-I295 Spanish in the Workplace Internship**

Credits:

0.00

Description:

Internship in Madrid, Spain. At least 12 hours a week working for an organization. Designed to give students an international professional learning opportunity. It takes place concurrently with SPAN 295.

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A-Z Course Listing

- [College of Arts & Sciences](#)
- [Sawyer Business School](#)

- **ADF-110 Discovering Boston's Art and Design**

Credits:

2.00

Description:

Explore, investigate and savor Boston's rich variety of visual art and design with Professor Brown, New England School of Art & Design Program Director and practicing multi-media artist, as your guide. Visit museums, galleries and artists' studios and meet professional designers in their work spaces. Exercise your own creativity too, with fun cell phone photo tours of the Boston waterfront and the Italian North End and Beacon Hill neighborhoods. Throughout the course, you will create a visual journal in collage to record your own unique experiences in Boston's world of art and design. A studio fee of \$40 applies. This course does not fulfill core requirements.

- **ADF-181 Ideas of Western Art I**

Credits:

4.00

Description:

This course will survey the major concepts and issues of Western Art, from prehistoric to the Early Renaissance. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Fall Term

• ADF-182 Ideas of Western Art II**Credits:**

4.00

Description:

This course will survey the major concepts and issues of Western Art, from Renaissance to contemporary art. Architecture, sculpture and paintings will be studied individually for their formal elements and visual importance, and also within their own aesthetic, historic and cultural context. Class discussion and visual analysis of works of art will encourage personal interpretation and critical thinking.

Term:

Offered Spring Term

• ADF-S101 Foundation Drawing I**Prerequisites:**

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings

Credits:

3.00

Description:

This course concentrates on the traditional techniques of observational drawing. Fundamental principles and elements of drawing are introduced in structured lessons and exercises, which are supplemented by additional outside assignments. Foundation Drawing I stresses the development of visual skills as well as the broad use of drawing concepts, vocabulary, techniques and variety of materials.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• ADF-S102 Foundation Drawing II

Prerequisites:

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course will refine the basic visual skills developed in Foundation Drawing I (ADF S101). The elements of color and mixed media are introduced to expand technical possibilities, while more intensive work with the nude human figure provides exposure to gesture, structure and complex form. As students begin to develop a more sophisticated and personal approach, issues of expression and interpretation will be investigated, focusing on personal style and expression.

Term:

Offered Both Fall and Spring

• ADF-S123 Painting

Prerequisites:

ADF S101, ADF S166

Credits:

3.00

Description:

In this introductory course, students will learn to accurately perceive relationships of shape, form, color and value, and to translate that information through the medium of paint. In a series of in-class and outside projects on canvas, prepared paper and panel, students will explore various approaches to the use of acrylic and oil paint. Emphasis will be placed on the development of disciplined technical skills as well as the exploration of painting's potential as a medium of communication and creative visual expression.

Term:

Offered Spring Term

• ADF-S152 3-Dimensional Design

Prerequisites:

ADF S151 or ADF S166; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course focuses on the fundamental elements of three-dimensional form. Line, plane and volume will be explored as students develop visual analysis and critical thinking skills in the round. The role of scale, proportion, structure, surface, light and display will be addressed, as students create forms that activate space and engage the viewer. The course will proceed from work with simple forms and techniques to more challenging and comprehensive problems addressing both additive and subtractive methods.

Term:

Offered Both Fall and Spring

• **ADF-S156 Imaging**

Prerequisites:

ADF S166; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

Digital visual image generation and modification, especially when combined with traditional hand techniques, are essential skills for artists and designers of the 21st century. This course introduces techniques of image capture, manipulation and output. Weekly and longer-length assignments will address creative and innovative idea generation using these approaches.

Term:

Offered Both Fall and Spring

• **ADF-S166 2D/Color**

Prerequisites:

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This is an introductory-level course in the basic concepts and practices of two-dimensional design and color theory. The study of color and design is supportive of all studio disciplines and is vital to the understanding of all visual media. This course features an intensive, hands-on approach to color and design as students create, modify and master the three dimensions of color (hue, value, and strength) plus the principles of design (line, shape, value, composition and image). This in-depth study is essential and underlies all of the visual arts as they are practiced today. An understanding of color and design influences all artists' decisions, affecting the look, meaning and use of visual phenomena.

Type:

Arts Admin Minor Elective

• ADF-S171 CI: Integrated Studio 1**Prerequisites:**

Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This cross-disciplinary course will integrate the ideas and practices of two-dimensional design, color and drawing emphasis will be placed on understanding the creative process, exploring concepts and developing research skills. Students will undertake individual and collaborative projects in three spaces; the studio classroom, the digital world and the city at large.

Type:

Creativity and Innovation, Arts Admin Minor Elective

• ADF-S172 CI: Integrated Studio II**Prerequisites:**

ADF S101; Non-majors interesting in taking art and design courses for elective credit should refer to offerings under the ART course listings.

Credits:

3.00

Description:

This course builds on the Integrated Studio 1 experience: synthesizing fundamental visual ideas. IS 2 investigates the construction, documentation, and transformation of volumetric form, environmental space, and time. Projects will explore narrative strategies and the creation of immersive experiences. Students will develop critical and analytical skills while employing a range of traditional and digital media-including video/sound capture and editing-as they explore the creative boundaries of the classroom studio, the city of Boston, and virtual space.

Type:

Creativity and Innovation

- **ADFA-304 Art and Architecture of the Italian Renaissance**

Prerequisites:

ADF-182 and the Fine Art Program Director's consent.

Credits:

4.00

Description:

This course introduces the students to Italian Renaissance art, artists and culture from the first evidence in the Italian Gothic (around the 1260's) to the Early and High Renaissance, predominantly in Florence and Venice, up to the 1600's. The course will survey the history of painting, sculpture and architecture as we study the works individually, for their formal elements and visual importance, but also within their aesthetic, historic, political and cultural context. Class discussion and a visual analysis of works of art will encourage personal interpretation and critical thinking. A list of terms related to the Renaissance introduces the language of art. Normally offered during the summer. Offered in Italy only.

- **ADFA-344 Islamic Spain: Art and Architecture**

Credits:

4.00

Description:

This course examines the Islamic influence in Spain through its art and architecture from its formative period in the eighth century through the fourteenth century and beyond to see the continuity and change of the Mozarabic style found locally in Madrid, Cordoba, Seville, and Granada. Students will use formal analytical skills to critically explore works of art and architecture and will cultivate a 'lens'

through which they will facilitate their understanding of the classic and contemporary material culture and fabric of Spain. Class meetings will be supplemented with field trips. Offered as needed.

- **ADFA-346 Art of the Silk Road**

Credits:

4.00

Description:

This course will examine the arts and architecture of the Silk Road, with particular attention to art of Buddhism, Hinduism, and Islam. Historically, Inner Asia was marked by trade routes (the 'Silk Route' or 'Silk Road') which crisscrossed this vast landscape of deserts and mountains between China, India, the Iranian Plateau and the Mediterranean world. In addition to the art of these cultures, we will also look at the records of early Chinese travelers through Central Asia. (Formerly HUM 346) Offered as needed.

Type:

Asian Studies

- **ADFA-400 Fine Arts Internship**

Prerequisites:

Restricted to Juniors and Seniors

Credits:

3.00- 6.00

Description:

Fine Arts majors are required to complete an internship where they will apply their studio and academic skills in a professional setting. Internships enable students to enrich their perspective of the field by sampling the career paths available to them in the art and culture economy. Student interns work directly with established professional artists or with arts and cultural organizations such as museums, galleries, and arts councils. This experiential learning is critical for career preparation and is intended to foster personal growth, hone professional skills, and provide networking opportunities. The internship experience is paired with a faculty-led seminar that will reinforce new skills and provide a venue for inquiry, sharing, and reflection.

Term:

Offered Both Fall and Spring

- **ADFA-510 Fine Arts Undergraduate Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 3.00

Description:

An Independent Study provides the student with the opportunity to examine an issue of interest that falls outside the parameters of the existing curricula. The student will work on a one-on-one basis with a full-time faculty member to realize a particular and well-defined goal. All proposals for Independent Study must be approved by the Fine Art Program Director and Dean's Office in advance of the beginning of the semester during which the work will be completed. Normally available every semester.

- **ADFA-S201 Drawing: Language of Light**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course is an extensive exploration of the human form and how it is represented in drawing. Refining their drawing skills, students use a variety of dry media (graphite, charcoal, pastel, collage) to articulate figure/plane

Term:

Offered Fall Term

- **ADFA-S204 Sculptural Thinking**

Prerequisites:

Take ADF-S152

Credits:

3.00

Description:

Art is not just visual. Artists also think with their hands", understanding that engagement with the physical world is vital to the creative process, and often gives rise to unexpected and fruitful ideas. In this course, students will explore traditional and experimental sculptural processes in a spirit of directed play", focusing on both intuitive and critical responses to materials.

• ADF A-S212 Figure Painting: Issues in Contemporary Realism

Prerequisites:

Fine Art Program Director Approval needed

Credits:

3.00

Description:

This course functions as a lab for students to improve their painting skills. Working directly from the models, beginning and more advanced students will explore technique at their own level. Tri-weekly poses will allow in-depth investigation and complex images to develop. Students can work with the painting medium of their choice. Historical and contemporary painters will be used to further the students progress. Open to majors and non-majors.

Term:

Occasional

• ADF A-S220 Drawing: Shifting Scales

Prerequisites:

ADF-S102 or ADF-S502; ADF-S151 or ADF-S551;

Credits:

3.00

Description:

We live in a world of great contrasts in scale, where hand held screens can download Google earth and nanotechnologies can change the lives on entire continents. How do these shifts in scale alter our perceptions of space, and therefore change the way we understand and make drawings? This figure-based course uses descriptive observation as the starting point for addressing visual invention. Students will work from a model, using traditional figurative techniques to combine and contrast with digital imaging techniques, graphic novels, and various contemporary drawing approaches. A variety of wet and dry drawing media will be used with more experimental materials.

Term:

Offered Spring Term

- **ADFA-S241 Advanced Painting**

Prerequisites:

ADF S123.

Credits:

3.00

Description:

This course will involve the concepts and techniques of 20th and 21st century painting. Students develop an individual approach to non-objective and objective painted space. Open-ended assignments, lectures, critiques and discussions will clarify the work students produce. Substantial independent studio time allows students to focus on work that responds to contemporary issues in painting.

Term:

Offered Spring Term

- **ADFA-S242 Sculpture Studio**

Prerequisites:

ADF S152

Credits:

3.00

Description:

A focused study on the language of dimensionality in sculpture, students will explore traditional and non-traditional materials. Issues of craft, concept and context will aid students in developing work that responds to currents in contemporary sculpture. This class will also provide students with a substantial grounding in 20th and 21st century sculptural theory and practice.

Term:

Offered Spring Term

- **ADFA-S251 Printmaking Studio**

Credits:

3.00

Description:

This course is designed to familiarize students with the printmaking studio and various techniques. Students will gain exposure to a number of techniques including non-toxic processes. Over the course of the semester, students will be expected to develop a portfolio of prints while working in class and independently.

Term:

Offered Fall Term

• **ADFA-S271 Fine Arts Seminar I**

Prerequisites:

ADF S102 ADF S123, and ADF S152

Credits:

3.00

Description:

Fine Arts Seminar is designed as a vehicle for students to develop a personal relationship to contemporary art theory and practice. Questions are posed as a point of departure for the students to generate work. Visiting artists and weekly gallery and museum visits aid in examining aspects of current art making in order to assist students in creating a strong vision for their work. Restricted to Fine Arts Majors only.

Term:

Offered Fall Term

• **ADFA-S272 Fine Arts Seminar I**

Prerequisites:

ADFA S271

Credits:

3.00

Description:

A continuation of the first semester, this course aids students in recognizing the patterns and questions posed in their own studio practices. A large number of technical approaches to content will be

explored.

Term:

Offered Spring Term

- **ADFA-S311 Contemporary Trends & Practices**

Prerequisites:

Intended for Majors only

Credits:

3.00

Description:

Contemporary Trends & Practices moves art theory into the studio and the studio out into the world. Students will look at the most significant artists and movements of the past 50 years while examining their social, cultural and political context. Canonized contemporary art categories (postmodernism, appropriation, anti-art and performance art are some examples) are assigned as group projects. Movements, strategy or style of art making is discussed as an expressive problem solving experience, blurring the lines between media. This course conflates contemporary art history with contemporary art practices.

Term:

Offered Fall Term

- **ADFA-S342 Advanced Sculpture**

Prerequisites:

ADFA S242

Credits:

3.00

Description:

In this course, students will explore contemporary sculptural issues, using a variety of found and generated materials. The process of installation, wall, floor, self-supported pieces and environmental works will be investigated.

Term:

Offered Spring Term

- **ADFA-S344 Advanced Drawing Issues**

Prerequisites:

Take ADFA-S272;

Credits:

3.00

Description:

This course has students assess their work of the past several years in order to determine current and future goals. Students use the tools they find in the relationship between 2D and 3D in order to define contemporary drawing for themselves.

Term:

Offered Fall Term

- **ADFA-S345 Advanced Printmaking**

Prerequisites:

ADFA S251 or instructor permission

Credits:

3.00

Description:

In Advanced Printmaking students will explore issues of technique, scale and multiple press runs that are not feasible within the context of the beginning Printmaking course. In this advanced course students will focus on a chosen area of traditional or contemporary print media, ranging from etching, digital imaging, lithography, paper molding, and photocopying, to relief and screen printing. Through the use of theory and developed skill, the course will allow students to create print-based works of an increasingly professional standard in both two and three dimensions. Students will undertake projects both as separate entities and as combined installed pieces, aimed at encouraging an individual, creative and professional approach to printmaking in the context of contemporary art practice.

Term:

Occasional

- **ADFA-S361 Figure Studio: 2D**

Prerequisites:

ADF S123 AND ADFA S241**Credits:**

3.00

Description:

This painting course is designed to provide an in-depth study and practice of two-dimensional contemporary figuration. Basing all students on the Masters and movements of the past, this course focuses on the methodology and effects of four major figurative painters from late-twentieth century through the present.

Term:

Offered Fall Term

• ADFA-S362 Figure Studio: 3D**Prerequisites:**

Take ADF-S152 ADFA-S361;

Credits:

3.00

Description:

This sculpture course considers the figure in its importance both as a historical element and as a reflection and definition of self. Established an understanding of the figurative form in the space by relating gesture and structure through manipulated form. Weight, mass, plane and volume are considered while working directly from the model.

Term:

Offered Spring Term

• ADFA-S365 Advanced Figure Studio**Credits:**

3.00

Description:

This course is an extension of the Figure Studio 2D & 3D course. The focus will be on advanced figuration in relation to contemporary and historical works. Students will work in any media that

pertains to their exploration of depiction and content. Students are expected to work in consultation with the professor in class and in their individual studios.

- **ADFA-S371 Fine Arts Seminar II**

Prerequisites:

ADFA S271 and ADFA S272

Credits:

3.00

Description:

In this third semester of the Seminar sequence, students are responsible for integrating their visual culture influences and references within an expanded body of work.

Term:

Offered Fall Term

- **ADFA-S372 Fine Arts Seminar II**

Prerequisites:

ADFA S271 and ADFA S272 and ADFA S371

Credits:

3.00

Description:

During this final Seminar semester, the focused studio practices of students are channeled into the development of their final thesis exhibition. The four-semester Fine Arts Seminar sequence.

Term:

Offered Spring Term

- **ADFA-S380 Advanced Seminar Projects**

Prerequisites:

Take ADFA-S272;

Credits:

3.00- 6.00

Description:

This course functions as a bridge between the undergraduate processes of Fine Arts Seminar and the postgraduate environment of the visual arts. Particular attention will be paid to the contexts used by students to define their work in relation to feedback of professional outside reviewers. Individual contracts between faculty and student will be developed at the beginning of each semester. Contracts will assess the priorities for the work and adapt studio practices for the creation of new work. A research component will be attached when awarding 4-6 credits.

Term:

Occasional

• **ADFA-S410 Senior Thesis**

Prerequisites:

Fine Arts Senior status required.

Credits:

3.00

Description:

This senior-level course readies the student for the furtherance of his or her career as a creative artist. Though the development of a written artist's statement, slide and electronic documentation and the charting of their individual artistic lineage, students will begin to place themselves within the context of the contemporary art world. Normally offered Spring semester.

Term:

Offered Spring Term

• **ADFA-S500 Fine Arts Directed Studio**

Prerequisites:

Fine Art Program Director Approval needed

Credits:

1.00- 6.00

Description:

The student completes a directed study project, either studio (ADFA S500) or non-studio (ADFA 500) under the supervision of a full time fine arts faculty member. Please see Directed Study elsewhere in this catalog for details. Independent study forms are available from the Office of the Academic Dean and Registrar. All independent study projects must be approved by the individual faculty member, the Fine Arts Program Director, and the NESADSU Chairman. Normally available every semester.

• ADFA-S510 Fine Arts Independent Study

Prerequisites:

Fine Art Program Director Approval needed

Credits:

1.00- 6.00

Description:

The student completes a directed study project, either studio or non-studio under the supervision of a fine arts faculty member. Please see Directed Study elsewhere in this catalog for details. Independent study forms are available from the Office of the Academic Dean and Registrar. All independent study projects must be approved by the individual faculty member, the Fine Arts Program Director, and the NESADSU Chairman.

• ADG-224 History of Graphic Design

Credits:

4.00

Description:

The first part of the course will focus on the history of graphic design from prehistoric times to the Industrial Revolution, including the origins of graphic communications in the ancient world, the development of the alphabet and early printing and typography. The second portion will concentrate on the period from the late 19th century to the present, and will include the Arts and Crafts Movement, the various-isms and their influence on modern art, the Bauhaus and International Style, and contemporary visual systems and image making.

Term:

Offered Fall Term

• ADG-337 Professional Practice

Prerequisites:

Senior BFA status

Credits:

3.00

Description:

This senior-year course is designed to provide final preparation for employment in the field of graphic design. In addition to helping each student develop a professional portfolio, the course will provide students with practical knowledge of the business aspects of graphic design, interviewing skills, resume preparation, personal branding and help students target internship opportunities for the following semester.

Term:

Offered Fall Term

- **ADG-400 Graphic Design Internship**

Prerequisites:

Senior BFA status.

Credits:

3.00- 4.00

Description:

Seniors are required to pursue an internship with a local graphic design firm, whose work is directly related to that students intended area of professional concentration. Interns will observe and participate in all office procedures permitted by their place of internship and will be required to maintain a notebook of their observations. Required classroom seminars will reinforce new skills, share learning experiences and answer questions or concerns.

Term:

Offered Spring Term

- **ADG-500 Graphic Design Directed Study**

Prerequisites:

Consent of Program Director required

Credits:

3.00

Description:

The student completes a directed study project, under the supervision of a graphic design faculty member. All Directed Study request forms must be accompanied by a written proposal and schedule and must be approved by the faculty member, the Graphic Design Program Director, and the department Chair.

- **ADG-S201 Basic Typography**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

This course will introduce students to the creative use of typography in the design process and will provide them with the skills and knowledge necessary to design with type.

Term:

Offered Fall Term

- **ADG-S202 Computer Typography**

Prerequisites:

ADG S201 and ADG S219

Credits:

3.00

Description:

This advanced course focuses on the translation of the historical knowledge and hand skills learned in Basic Typography into a digital format. Students will learn how to produce quality typography, as well as experiment with and explore letterform design and manipulation.

Term:

Offered Spring Term

- **ADG-S204 Design Beyond Design**

Credits:

3.00

Description:

This course focuses on the multi-disciplinary nature of the graphic design profession and the designer as a visual communicator, critical thinker and problem solver. Students will be exposed to a series of outside topics to which they will apply design solutions, mirroring the range of fields in which designers today are employed.

• **ADG-S206 Graphic Design I**

Prerequisites:

ADF S151 OR ADF S166

Credits:

3.00

Description:

Emphasizing the creative process from thumbnail to comprehensive, the course will also introduce the student to the language, tools, and techniques of the professional graphic designer. Attention will be paid to conceptualization, production and presentation in solving design problems. This course will expose students to a series of assignments designed to show step-by-step problem solving from observation and research, to the incorporation of these findings into the design of communication vehicles.

Term:

Offered Fall Term

• **ADG-S207 Graphic Design II**

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

A continuation of the skills learned in Graphic Design I, involving projects that are broader in scope, more in-depth, and address societal issues.

Term:

Offered Spring Term

- **ADG-S213 Web Design I**

Prerequisites:

ADG S219

Credits:

3.00

Description:

This course will introduce basic web site design and creation skills to students in order to prepare them for more advanced study in Web Design II. The class will use a variety of industry standard software to design and create basic working websites. Students will learn HTML, XHTML and CSS. Javascript, Flash and Action Scripting will be discussed and presented as supplemental tools. Information architecture, wire frames, interface design, user experience and web page layouts will be explored. The history, societal context and future of new media will be discussed throughout the semester.

- **ADG-S214 Illustration for Designers**

Prerequisites:

ADF S102

Credits:

3.00

Description:

This course introduces the skills necessary for meeting clients illustration needs in a variety of media appropriate to their context. Emphasis will be placed on developing the ability to draw real objects and real people while advancing a personal style. Students' development of visual research and photo reference, thumbnailing and rendering skills for a presentation of ideas and concepts while designing the proper environment for their illustration will be required.

Term:

Offered Spring Term

- **ADG-S219 Computer Applications in Design**

Credits:

3.00

Description:

In this course students will learn the major software applications used by graphic designers, such as Adobe Creative Suite: InDesign, Illustrator, and Photoshop. Through a series of problems, students will learn how and when to use specific software to produce their solutions and prepare portfolio-quality design.

Term:

Offered Fall Term

• ADG-S302 Italian Journal: Painting and Drawing On Paper**Prerequisites:**

Instructors Consent

Credits:

3.00

Description:

This faculty-led study abroad course introduces the skills necessary for meeting clients' illustration needs in a variety of media appropriate to context. Florence, Italy and its environs will serve as the subject matter and catalyst in developing the ability to draw objects, i.e. Architecture, people and landscape while advancing a personal style. Study will begin with a pre-departure journal/book binding workshop at Suffolk University and then to the outdoors in and around Florence, Italy, Tuscan hill towns and the Veneto, where students will explore basic illustration styles, methods and techniques.

Term:

Summer

Type:

Global Engagement Experience

• ADG-S305 Conceptual Typography**Prerequisites:**

Take ADG-S202

Credits:

3.00

Description:

This course is designed to build on core typography knowledge and further students' understanding of the conceptual possibilities of using type in design. Advanced typographic problems requiring the implementation of both traditional and alternative methods will facilitate a deeper exploration of modern communication issues including layered hierarchies, type in motion, typographic voice and illustration.

• ADG-S311 Integrated Advertising

Prerequisites:

ADG S206 and ADG S219

Credits:

3.00

Description:

This course will provide instruction towards creatively translating marketing needs into innovative and effective advertising solutions through a series of challenging projects. Students will learn skills applicable to the advertising industry by focusing on creative executions across multiple-media applications including print, direct mail, collateral, outdoor, online, and other media. There will be emphases on idea generation and campaign development with the goal of message communication through the balance of various elements including page design, copywriting, typography, illustration, photography, and visual effects. The history of advertising from the early 20th century to the ever-changing complexity of today's digital landscape will be studied.

Term:

Occasional

• ADG-S312 Packaging Design

Prerequisites:

ADG S201 or ADG S601 AND ADG S206 or ADG S606 AND ADG S219 or ADG S619 OR Instructor Permission.

Credits:

3.00

Description:

In this course, students will study the evolution and history of packaging design, discuss philosophies, learn industry terminology and examine contemporary designs. Using case studies, students will analyze the package design process from concept to production and over the course of the semester, develop a line of packaging and supporting marketing materials for one brand. Guest lectures and field

trips will supplement readings and in-class discussions, which will address brand extension and consistency, packaging templates, professional procedures, product photography and printing.

Term:

Occasional

• ADG-S316 Interactive Project Development

Prerequisites:

ADG S340 or Instructor's consent.

Credits:

3.00

Description:

This course will allow students to take the skills learned in Web I, Web II and Advanced Topics, and apply them to the kinds of projects they'll see in a professional setting. The class will focus on challenging students to develop a holistic understanding of how the code they write affects their designs, and vice versa, and to think about how all aspects of building a website affect the final user experience. There will also be a strong emphasis on expanding student digital portfolios, with numerous projects based on actual client requests, fully mobile-friendly responsive sites, group projects and more. Students will learn related skills like server management, search engine optimization and how to work as part of a team. This class is intended to prepare students who plan to enter the web and interactive fields upon graduation.

Term:

Occasional

• ADG-S326 Informing Design

Credits:

3.00

Description:

Informing Design will give you the visual presentation skills necessary to succeed in the real world by helping you communicate more clearly to clients, make your ideas visual and vibrantly persuasive, and to make facts and data more accessible and interesting for all. This course on visualization will teach you to see with your eyes and not with your mind. You will learn how design visualizes what is happening all around us on a daily basis. We are connected as never before at speeds that challenge any status quo, and better equipped to capture data and make sense of it all. In the same way the iPhone made photographers out of all of us, this course will help you discover the designer in you, no matter what your field of study. Come collaborate with us! This class is open to all majors.

• ADG-S328 Designing for the Greater Good

Prerequisites:

ADG S207 and ADG S219

Credits:

3.00

Description:

In this class, students will study contemporary models of inspiring change through branding, systems design, and product design, and explore how design can have an impact in raising awareness and funding for social, environmental, political, and health issues. Students will work on three integrated design campaigns projects focused in social innovation, design of community, connected to health, and environmental impact to learn how to identify the opportunities to inspire change through design, and how to leverage print, social media, new fundraising tools, and online resources to create a successful effort. Students will also explore successful case studies in cause-related design.

Term:

Occasional

• ADG-S330 Motion Graphics

Prerequisites:

ADG S219 OR instructor approval

Credits:

3.00

Description:

Enter the world of motion design and learn how to make movies that incorporate image, type and video. This class will focus on learning to create moving graphics that are geared toward being broadcast on television, web or film. Students will create time-based works such as title sequences, ads, and videos that they art direct. In the very near future, motion design will be a necessary skill for designers to compete in the marketplace. Motion design can be applied to many areas of graphic design from on-screen presentation to environmental design. During the class, students will build their motion design portfolio that will give them an edge above conventional print and web designers.

Term:

Offered Spring Term

- **ADG-S334 Publication Design**

Prerequisites:

ADG S202 and ADG S207 and ADG S219 or Instructor's Consent.

Credits:

3.00

Description:

This course will focus on the skills necessary to create publications such as books, magazines, annual reports and catalogs. The goals of this course are three-fold: to further enhance the understanding of typography in regard to publications, to provide the skills and knowledge necessary to design publications for either a print or digital environment, and to integrate the students' own art and/or photography in their work.

Term:

Offered Fall Term

- **ADG-S340 Web Design II**

Prerequisites:

ADG S213 or Instructors permission

Credits:

3.00

Description:

This course is intended as a continuation of the experience gained in Web Design I. The objective of the course is the development of advanced conceptual skills such as prototyping, usability testing, interactive philosophy, accessibility, project and content management. Students will further develop their professional multimedia skills by working with HMTL, XHTML, CSS and other industry-standard tools. JavaScript will be discussed and we will use Flash for animation and video. Current techniques for distributions on mobile devices will be explored. Software that will be used during the class will include Dreamweaver, Flash, and other professional level software tools.

- **ADG-S344 Graphic Design III**

Prerequisites:

ADG S202, ADG S207, and ADG S219

Credits:

3.00

Description:

This continuation of Graphic Design I and II (ADG S206, 207) will concentrate on increasing sophistication in creative problem-solving abilities. Students will also develop an understanding of prepress terms and operations and the impact of technology on those operations. It will also provide the knowledge and skills necessary to enable students to make appropriate prepress decisions regarding more complex projects. Senior status preferred.

Term:

Offered Fall Term

- **ADG-S345 Graphic Design IV**

Prerequisites:

ADG S344

Credits:

3.00

Description:

A continuation of the concepts and skills developed in Graphic Design III and their application to more complex, multi-pieced, in-depth projects.

Term:

Offered Spring Term

- **ADG-S354 Advanced Computer Applications**

Prerequisites:

ADG S201, ADG S206, and ADG S219

Credits:

3.00

Description:

This course is designed to further explore software applications for specific and experimental effects. It aims to provide students with the knowledge and skills necessary to choose the appropriate software application and to execute the desired design, focusing on the design itself rather than on the limitations of computer programs. The course also focuses on solving the technical and production

problems when preparing artwork electronically for printing. Software applications include Adobe Creative Suite:InDesign, Illustrator, and Photoshop.

Term:

Offered Spring Term

• ADG-S360 Corporate Design

Prerequisites:

ADG S202 and ADG S207

Credits:

3.00

Description:

This course explores the issues of contemporary branding used to identify, establish and promote the business community. Specific emphasis will be placed on the analysis and development of corporate identity systems including the development of logotypes, stationery, signage systems, marketing collateral/advertising/direct mail campaign development, environmental graphics and websites.

Term:

Occasional

• ADG-S365 Digital Photography

Credits:

3.00

Description:

This course offers students the experience of creating digital and film photographs while studying concepts of art direction and techniques that can enhance their compositions. The primary objective is to generate professional still and motion images for digital media, including the Web. Students will manipulate their photographic images using Photoshop rather than the traditional darkroom. Students will also learn how to photograph their own artwork and use a digital camera. Advanced students will be encouraged to explore independent tracks of study.

Term:

Occasional

• ADG-S366 Environmental Graphic Design

Prerequisites:

ADG S202, ADG S207 and ADG S219

Credits:

3.00

Description:

A cross disciplinary course bringing together interior design students and graphic design students to collaborate on problem solving in the visual and built environments. In the studio, students will be exposed to design issues and problems, both experiential and graphic. Students will be working in teams bringing new insight to solutions for a variety of client/project types. Field trips to fabricators, professional firms and EGD sites will be included. This is a survey class designed to introduce students to ways of producing three dimensional graphic design projects within the built environment.

Term:

Occasional

• ADG-S410 Thesis Studio**Prerequisites:**

Senior BFA standing required.

Credits:

3.00

Description:

The Thesis Studio involves the application of previously learned studio skills in a detailed investigation of a design project relating to the student's intended professional area of specialization. Normally offered spring semester.

• ADG-S500 Graphic Design Directed Studio**Prerequisites:**

Consent of Program Director required.

Credits:

1.00- 6.00

Description:

The student completes a directed studio project under the supervision of a graphic design faculty member. All Directed Studio request forms must be accompanied by a written proposal and schedule and must be approved by the faculty member, the Graphic Design Program Director, and the department Chair.

Term:

Offered Both Fall and Spring

• ADG-S510 Graphic Design Independent Study

Prerequisites:

Consent of Program Director required.

Credits:

1.00- 6.00

Description:

In an Independent Studio/Study, the student works in an independent fashion, pursuing an area of study that is outside the scope of existing curricula. Independent Studio/Study courses require CAS Dean's approval in addition to departmental approval.

• ADI-01 Introduction to Interior Design & Decoration

Credits:

2.00

Description:

This elective course is designed to aid students in determining whether to pursue a career in interior design and decorating. Through both lectures and studio work, students will be shown basic drafting and graphic communication techniques used in presentation of visual ideas, as well as various elements of interior composition, such as space planning, color, furniture, finish and material selection. The final project will be suitable for inclusion in a portfolio. Normally offered each semester.

Term:

Offered Both Fall and Spring

• ADI-221 History of Furniture & Architecture I

Credits:

4.00

Description:

The goal of this course is the enhancement of the student's critical comprehension of historic styles and the impact they have on contemporary design solutions. The survey begins with the Egyptian period and provides an overview of the history of furniture and architecture through the mid-1700s, including ancient Greece and Rome, the Gothic and Renaissance, Baroque and Rococo periods. Emphasis will be placed on chronological periods, the visual characteristics of each style including regional idiosyncrasies, and the terminology germane to a study of furniture and architecture.

Term:

Offered Both Fall and Spring

• ADI-222 History of Furniture & Architecture II**Prerequisites:**

ADI 221

Credits:

4.00

Description:

A continuation of History of Furniture & Architecture I, this course will extend the investigation of furniture and architecture into the 20th century, while addressing issues concerning preservation, restoration, rehabilitation, and adaptive re-use. Drawing on the vast resources of the city of Boston and its environs, students will become actively involved in stylistic progression, local living history, and the benefits of preserving our past for future generations. Field trips will include visits to restored Federal, Victorian and Contemporary venues.

Term:

Offered Both Fall and Spring

• ADI-223 History of Furniture & Architecture**Credits:**

4.00

Description:

This course provides students with the skills to critically analyze historic styles and examine the impact they have had on design. Emphasis will be placed on chronological periods, from antiquity to the 21st century. By examining visual characteristics of each time period, the course reveals how geography, culture and societal values have shaped furniture and architecture for centuries. The course also introduces terminology germane to a study of contemporary furniture and architecture styles. Using the

city of Boston as a reference point, students will explore issues of preservation, restoration, rehabilitation, and adaptive re-use in order to identify how the region's design landscape is adapting to environmental and social demands.

• ADI-234 History & Theory of Interior Architecture

Prerequisites:

Taken concurrently with ADI S201

Credits:

3.00

Description:

This course introduces students to the important individuals, ideas and issues that have shaped the direction of contemporary interior design practice in the twentieth century, building upon the historical foundation established by the Ideas of Western Art and History of Furniture and Architecture classes. Intermixing lectures and readings with visits to important local buildings, it discusses the influences of culture, technology, fashion and media upon the work and thinking of the first generation of modern designers, as well as emerging social, moral and environmental imperatives that will form the basis of future practice; cultural identity, interdisciplinary collaboration, sustainability and universal design.

Term:

Offered Fall Term

• ADI-242 Interior Codes & Construction

Prerequisites:

Prerequisite: ADI S110 or S510.

Credits:

3.00

Description:

This course examines various interior construction assemblies of non-load-bearing walls, load-bearing walls, floors, stairs, elevators, fireplaces, ceilings, doors, interior windows, frames, millwork and fire-related construction. Emphasis will be placed on building codes including state, BOCA, Underwriters Laboratory, ASTM, state and federal accessibility codes and construction materials. Students will also be introduced to basic structural concepts and characteristics of structural materials.

Term:

Offered Both Fall and Spring

- **ADI-244 Interior Materials & Finishes**

Prerequisites:

Intended for majors only

Credits:

3.00

Description:

Students will study the visual qualities, technical characteristics and applications of the common materials and finishes used in interior installations. These materials include floor coverings, wall coverings, textiles, ceiling and sustainable materials. Related fire, health and safety codes, as well as maintenance and life cycle costs, will be discussed. Class material will be presented in the form of lectures, guest speakers and a tour of the Boston Design Center. Students will learn to analyze, select and specify materials and finishes for the appropriate applications, write specifications, and prepare a resource notebook.

Term:

Offered Both Fall and Spring

- **ADI-254 Lighting**

Prerequisites:

Prior drafting or CAD experience recommended

Credits:

3.00

Description:

This course introduces students to the art and technology of lighting and explores the use of lighting as a design element in the interior environment. Class material will be presented as a series of lectures, readings and demonstrations. Students will learn to analyze interior lighting installations, calculate lighting levels for interiors, select appropriate light fixtures and prepare a lighting plan based on one of their studio projects.

Term:

Offered Both Fall and Spring

- **ADI-306 Portfolio**

Prerequisites:

Senior Status

Credits:

3.00

Description:

This course employs manual and digital skills to develop a professional portfolio. Students will investigate key components of portfolio content and consider how existing graphic skills can be employed to demonstrate ideas creatively and substantively. Through hands-on mock up and layout techniques students compare and contrast different presentation formats in advance of digital composition. Students will also explore methods for documenting and archiving their own work. In addition to presenting final work, students will also explore ways to present research, schematic analysis and precedent investigations.

Term:

Offered Both Fall and Spring

- **ADI-333 Linked Generations: Survey of Contemporary Spanish Architecture**

Credits:

3.00

Description:

This seminar aims to reveal the key elements of contemporary practices by analyzing the relationship between the masters of Spanish architecture of the 20th C. and the generations following. It will focus on such figures such as Saenz de Oiza, Fisac and De la Sota, continuing with current masters such as Campo Baeza, Moneo and Navarro Baldeweg, the first generation of Spanish architects to have international recognition. More recent inheritors include Aparicio, Abalo, Herreros, Mansilla & Tunon, Nieto Sobejano and Miralles, professionals with prominent academic positions worldwide. Attention will also be given to a new generation of promising architects (Garcia Abril, Sanchez, Jaque, Virseda Vila, Fernandez) whose projects are outstanding for the rigor of their construction and sensitivity to their natural and cultural surroundings. Class lectures will be accompanied by site visits to Madrid buildings designed by these architects, as well as to the studio offices where some of them actually work, to familiarize the students with how these small-scale firms develop their projects. Students will individually carry out a conceptual analysis of a prominent building through sketching and diagrammatic modeling of its principal architectural elements, with a final presentation of the results to a panel of critics.

- **ADI-352 Environmental Systems**

Prerequisites:

ADI 242

Credits:

3.00

Description:

This course studies mechanical, electrical, and plumbing technology and systems commonly employed in residential and commercial interiors. It will introduce students to the vocabulary, concepts and basic components of these fields of engineering. This will enable students to integrate these building systems in their design work and communicate ideas effectively with project engineers and contractors. The course will include commonly used heating, ventilating, air conditioning, plumbing piping and fixtures, fire sprinklers, electrical supply and distribution, smoke detection and fire alarm systems. Related mechanical, electrical and plumbing codes will also be discussed.

Term:

Offered Both Fall and Spring

• ADI-384 Interiors Marketing & Contracts

Prerequisites:

ADI-S201; Intended for majors only

Credits:

3.00

Description:

This course will cover the business aspects of interior design, including firm management, client, and contractor relationships, project management, proposal writing, and market resourcing. In addition, students will be exposed to career planning practices, such as portfolio development, resume preparation and interviewing techniques. Tours of architectural and interior design firms will also be included.

Term:

Offered Both Fall and Spring

• ADI-390 Marketing, Contracts, & Internship

Prerequisites:

Take ADI-S201

Credits:

4.00

Description:

This course covers the business aspects of interior design, including firm management, client, and contractor relationships, project management, proposal writing, and market resourcing. In addition, students will be exposed to career planning practices, such as portfolio development, resume preparation and interviewing techniques. Tours of architectural and interior design firms will also be included. Students may complete the required internship hours during or prior to taking this course. In the final stage of the class each participant will systematically analyze their experience of practice. They will compare and contrast the business models within which they have worked and present these to their peers.

• ADI-398 Senior Programming & Pre-Design**Prerequisites:**

ADI S201, ADI S202, ADI S303, ADI S304, ADI S372

Credits:

3.00

Description:

This course is designed to be the first part of the BFA Senior Studio in Interior Design. The senior ID project is intended as the culmination of the interior design studio sequence. It is an individual effort, supported by the studio faculty, that is inclusive of the entire design process from the programming phase through final design and documentation. The objective of part one, Senior Programming & Pre-Design, is for individual students to research, develop, and draft a program document which will guide their design work in part two, Senior Studio. Students will explore the possible project types and precedents, select and develop a client profile and program, and research and analyze an architectural site. Written and graphic analysis tools will be employed. The preliminary conceptual (pre-design) phase of work is also introduced.

Term:

Offered Spring Term

• ADI-400 Interior Design Internship**Prerequisites:**

ADI S202 and ADI S303; senior BFA standing required. This course fulfills the Expanded Classroom Requirement

Credits:

3.00

Description:

With the assistance of the faculty advisor, each student will identify an appropriate internship site with a local interior design firm. All interns are required to complete 120 hours of work/study within the semester, working a minimum of 8 hours per week under the direction of a qualified Interior Designer. Interns are expected to contribute to the host firm at a high level of design interaction. All interns will meet bi-weekly with the faculty advisor. The classroom seminars will reinforce new skills, share learning experiences, and answer questions or concerns. A firm site visit, production of firm profile, and participation in a professional organization are required within the seminar.

Term:

Offered Both Fall and Spring

• ADI-500 Interior Design Directed Study**Prerequisites:**

Consent of Program Director required.

Credits:

1.00- 6.00

Description:

Directed Study/Studio allows students to pursue an in-depth research project in an area of particular interest, directed by a qualified faculty member. Available every semester.

• ADI-H500 Interior Design Directed Study**Prerequisites:**

Consent of Program Director required.

Credits:

1.00- 6.00

Description:

Directed Study/Studio allows students to pursue an in-depth research project in an area of particular interest, directed by a qualified faculty member. Available every semester.

Type:

Honors

- **ADI-510 Undergraduate Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

3.00

Description:

An Independent Study provides the student with the opportunity to examine an issue of interest that falls outside the parameters of the existing curricula. The student will work on a one-on-one basis with a full time faculty member to realize a particular and well-defined goal. All proposals for Independent Study must be approved by the Dean's Office in advance of the beginning of the semester during which the work will be completed.

- **ADI-S106 Interior Design Communications**

Prerequisites:

Take ADF-S101 ADI-S108 OR ADI-S205;

Credits:

3.00

Description:

Interior Design Communications teaches students how drawing media, observational drawing, perspective theory, color and design graphics can be integrated into the designer's process. In addition to exploring contrast, accent, reflection, shade and shadow, the course underscores the importance of freehand sketching as a tool to foster intellectual inquiry and convey design concepts to a wider audience. The course introduces students to manual and digital methods for composing work for conceptual expression, technical drawing presentation, and portfolio purposes.

Term:

Offered Both Fall and Spring

- **ADI-S107 Spatial Graphics**

Credits:

3.00

Description:

Students will be exposed to a range of software applications commonly used in the design industry. Exercises will be used to enhance compositional skills, demonstrate the effective utilization of color and how to integrate images, drawings and vector graphics. Work will be presented in a variety of formats common to studio and client presentations. Students will compose multi-page documents and develop an understanding of appropriate file hierarchies. Exercises expose students to the experiential qualities of design through an exploration of signs, symbols and maps. In addition to 2D graphic solutions, vector graphics for generating 3D artifacts using digital fabrication tools, will be employed.

• ADI-S108 Perspective Principles

Prerequisites:

Prior or concurrent drawing experience

Credits:

3.00

Description:

This course introduces students to the systems of perspective developed during the Renaissance as a means of creating the illusion of 3-dimensional space on a 2-dimensional surface. Using 1-, 2-, and 3-point perspective, students will learn to effectively represent space. Basic drafting techniques and architectural scale are introduced. Both free-hand sketching and technical drawing methods will be emphasized. Manipulation of drawing through computerized scanning and digital photography included.

Term:

Offered Both Fall and Spring

• ADI-S110 Digital Orthographics

Credits:

3.00

Description:

This course will provide students with an understanding of orthographic principles and their importance to spatial thinking and design communication. Students will produce manual drawings in order to manipulate scale. Students will employ Computer Aided Drafting (CAD) software to create measured architectural plans, elevations and sections. The course will introduce students to file management skills and develop proficiency in using cloud based resources. Students will employ virtual workspaces to conduct work in, and out of class. Vector graphic software will also be used to compose work, manipulate technical drawings and illustrate plans and sections for portfolio use.

Term:

Offered Both Fall and Spring

• ADI-S201 Interior Design Studio I

Prerequisites:

ADF S152, ADF S143, ADI S110 Prior to or concurrent with ADI 234 Take ADI S106 or ADI S205

Credits:

3.00

Description:

This studio introduces students to basic design principles, design theory and concept development. Emphasis will be placed on design process, problem solving, spatial organization, anthropometrics, universal design awareness, and presentation techniques. Students will be given a series of projects of increasing complexity, utilizing and building upon the skills developed in the Foundation courses. Students will be expected to produce process diagrams, plans, elevations, models, and finish boards.

Term:

Offered Both Fall and Spring

• ADI-S202 Residential Design Studio

Prerequisites:

ADI S201 AND ADF S102

Credits:

3.00

Description:

This course addresses residential interior environments on a large scale. Students will develop client contact and programming skills. Emphasis will be placed on residential precedents, design process, human factors, accessibility, building codes, diagramming, spatial organization, detailing, presentation techniques, furnishings, finishes and lighting.

Term:

Offered Both Fall and Spring

• ADI-S215 Human Factors & Universal Design

Credits:

3.00

Description:

In this course, students will explore how physiological and psychological factors inform the design of space. Students participate in a series of design challenges that explore topics such as anthropometrics, ergonomics, and proxemics. The seven principles of universal design will be examined through a sequence of charrette exercises. Students will solicit input from User-Experts and employ a more inclusive design process to develop equitable design solutions. In doing so, culture, gender, age, and physical ability will be identified as catalysts for creativity and innovation.

- **ADI-S264 Advanced Interior Design Communication**

Prerequisites:

Take ADI-S106 and ADI-S110 (Required) Take ADF-S101 (Recommended)

Credits:

3.00

Description:

As a continuation of the Interior Design Communication course, students will develop proficiency in communicating aspects of the design process. These process skills include digital wireframe modeling and manual drawings enhanced by digital tools. Students will employ three-dimensional rendering software to enhance perspectives and create walk-through visualizations of their digital models. Movie editing software will be used to create multimedia presentations and students will learn to employ a variety of media formats for presenting their work.

Term:

Offered Both Fall and Spring

- **ADI-S303 Contract Design Studio I**

Prerequisites:

ADF S102, ADI S201, ADI 242, ADI 244, ADI S264

Credits:

3.00

Description:

This commercial design studio focuses on the design of work environments. Students will develop programming and space planning skills unique to these environments through a series of small- to medium-sized projects. Emphasis will be placed on commercial precedents, programming, design

process, human factors, building codes, ADA, spatial organization, detailing, presentation techniques, office furniture systems, equipment, finishes, and lighting.

Term:

Offered Both Fall and Spring

• ADI-S304 Furniture and Detailing Studio

Prerequisites:

ADI S201, ADI S264

Credits:

3.00

Description:

This course introduces students to the design process as it applies to furniture, addressing furniture ergonomics, materials, construction techniques, manufacturing and design. Students will research selected topics, and design seating, work/service pieces and cabinetry. Emphasis will be placed on furniture precedents, research, design process, human factors, accessibility, detailing, documentation and presentation techniques.

Term:

Offered Both Fall and Spring

• ADI-S305 Contract Design Studio II

Prerequisites:

ADI S202, ADI 221, ADI S110

Credits:

3.00

Description:

This studio focuses on adaptive re-use and renovation of commercial interiors with attention given to historical buildings in the Boston area. Emphasis on creative problem-solving methods and a philosophical approach to medium- and large-scale hospitality and retail design projects. Students will be required to incorporate the skills and knowledge gained throughout their studies to create a comprehensive project, including presentation drawings, models, material and furniture boards, and a set of construction documents and specifications.

Term:

Offered Fall Term

- **ADI-S366 Environmental Graphic Design**

Prerequisites:

ADI S372

Credits:

3.00

Description:

A cross-disciplinary course bringing together interior design students and graphic design students at the senior BFA level to collaborate on problem-solving in the visual and built environments. In the studio, students will be exposed to design issues and problems, both experiential and graphic. Students will be working in teams bringing new insight to solutions for a variety of client/project types. Field trips to fabricators, professional firms and EGD sites will be included. This is a survey class designed to introduce students to ways of producing three-dimensional graphic design projects within the built environment.

Term:

Offered Fall Term

- **ADI-S372 Construction Documents**

Prerequisites:

ADI S110 AND ADI S201

Credits:

3.00

Description:

Building on the curriculum of Orthogonal Drawing, this course will explore in more detail the features of CAD and BIM software. Programs will be used as tools to draft, organize, and produce a set of construction documents. Students will complete a full set of contract documents.

Term:

Offered Both Fall and Spring

- **ADI-S401 Senior Studio**

Prerequisites:

ADI S201, ADI S202, ADI S303, ADI S304, ADI S305, ADI S372 AND ADI 398

Credits:

3.00

Description:

This studio course completes the undergraduate studio sequence in Interior Design. This final design studio emphasizes individual competence with respect to the total design process. Students will utilize the research and programming document produced in ADI 398, Senior Programming & Pre-Design, to develop a comprehensive design solution for their individual studio problem through schematics, design development, presentation drawings and specifications.

Term:

Offered Spring Term

- **ADI-S500 Interior Design Directed Studio**

Credits:

1.00- 6.00

Description:

The student completes a directed study project, either studio (ADI S500) or non-studio (ADI 500), under the supervision of an interior design faculty member. Please see Directed Study elsewhere in this catalog for details. All independent study projects must be approved by the individual faculty member, the Interior Design Program Director and the NESADSU Chairman. Available each semester.

- **ADIL-224 History of Illustration**

Credits:

4.00

Description:

The study of how images have been used to illustrate ideas, tell stories, convey information and assist in human communication throughout history. Through presentation, lecture, discussion, research, field trips and selected readings, students explore the historical antecedents and significant trends in illustration before the late 20th century. Important illustration markets and applications are emphasized, and notable artists and artworks are presented in the context of the larger culture. The changing role, employment status and professional practices of the commercial artist are discussed. Attention is given to the impact of reproduction and distribution technologies on the evolution

Illustration profession and markets for creative content as well as the impact of economics on intellectual property rights.

Term:

Offered Fall Term

• ADIL-338 Illustration Professional Practices

Prerequisites:

ADIL-S301

Credits:

3.00

Description:

An introduction to contemporary illustration professional practices within a broad range of specializations and related fields. Students identify personal interests, capabilities, strengths and career priorities and goals that will influence their lives as creative professionals. Contemporary professional issues, marketing and self-promotion are covered in depth. Assignments include logo design and a direct marketing/email promotional piece. Students research professional competitions and organizations as advertising and networking opportunities and identify prospective clients and employers, produce resumes and polish interviewing and presentation skills. Freelance/contractor self-employment issues and entrepreneurial small business practices are thoroughly addressed, including reproduction rights, pricing, licensing, negotiation, contracts, bookkeeping, taxes, insurance and retirement.

• ADIL-400 Illustration Internship

Prerequisites:

Take ADIL-338;

Credits:

3.00

Description:

Illustration Majors may choose to complete an Illustration Internship in substitution for the course Collaboration (ADIL-S402). The Internship is designed to give students experience and exposure to the professional world of illustration or an illustration-related field in order to prepare for employment. Student interns work on a part-time basis, essentially as apprentice employees. Interns maintain a journal of activities and observations. Classroom seminars will provide opportunities for reinforcing new skills, sharing learning experiences and discussing concerns. Before the end of the junior year, students interested in an internship should investigate potential employment directly related to their

intended area of professional concentration. All internships must be approved in advance by the Illustration Program Director and should be completed during the senior year or the prior summer semester.

• ADIL-S201 Illustration I: Visual Communication

Prerequisites:

ADF-S101 and ADF-S166 and ADIL-S223 is recommended(Previously or concurrently)

Credits:

3.00

Description:

This course introduces fundamental concepts and principles of visual communication, with emphasis on the expression of ideas and storytelling through pictures. Topics include implied and sequential narrative, theatrical staging, and visual metaphor. Informed by lecture, discussion and examples, students explore these concepts through a series of assignments with defined objectives related to audience and function (description, symbolism, narrative, poetic allusion, etc.) Through preliminary studies and sketches, students are encouraged to explore multiple solutions, carefully considering concept, drawing, composition, and technical approach. Students are encouraged to use media and methods of choice.

Term:

Offered Fall Term

• ADIL-S202 Illustration II: Process & Practice

Prerequisites:

ADIL-S201;

Credits:

3.00

Description:

This course expands on concepts introduced in Illustration I, with emphasis on visual problem solving, generation of original ideas, and the process of picture making. Sequenced assignments each address a different set of parameters related to a different target audience, a different illustration genre (editorial, entertainment, institutional, educational, advertising, etc.) Emphasis is placed on the need to preserve spontaneity and authentic vitality in task-based creative work with multiple requirements, time restraints and periodic art direction. Students use traditional or digital media of their choice and are introduced to pre-production, formatting and presentation requirements for effective print and digital reproduction.

Term:

Offered Spring Term

• ADIL-S214 Illustration for Designers**Prerequisites:**

ADF S102

Credits:

3.00

Description:

This course introduces the skills necessary for meeting clients' illustration needs in a variety of media appropriate to their context. Emphasis will be placed on developing the ability to draw real objects and real people while advancing a personal style. Development of visual research and photo reference, thumbnailing and rendering skills for ones presentation of ideas and concepts while designing the proper environment for their illustration will be required.

• ADIL-S223 Traditional Techniques**Prerequisites:**

ADF-S166 and ADF-S101

Credits:

3.00

Description:

Students explore a variety of wet and dry medias, surfaces, tools and approaches traditionally used for illustration. Assignments involve observational subject matter, including still life, wildlife, urban and natural landscape, portrait and clothed figure. Media are handled expressively or with precision, and preliminary exercises provide opportunities for experimentation and practice. Final results are evaluated in terms of technical process and proficiency, readability and reproducibility, and successful application of fundamental principles of design and color theory.

Term:

Offered Fall Term

• ADIL-S255 Digital Techniques**Prerequisites:**

Take ADF-S101 and ADF-S166;

Credits:

3.00

Description:

Introduction and exploration of applications used for digital drawing, painting, and sculpting, including Adobe Photoshop, Adobe Illustrator, and LightWave 3D modeling software. Similarities, compatibilities, and essential differences between applications are demonstrated. Efficient file management, help menus, online tutorials, scanning, formatting, printing, and presentation procedures are also covered. Assignments are observational (still life, landscape, portrait, and figure) - not invented imagery. Exercises provide opportunities for experimentation and practice. Final results are evaluated in terms of technical process and proficiency, readability and reproducibility, and successful application of fundamental principles of design and color theory.

Term:

Offered Spring Term

• ADIL-S301 Illustration III: Style & Substance

Prerequisites:

Take ADIL-S202;

Credits:

3.00

Description:

This course examines the elements of visual style, the relationship between style and meaning, and the role and impact of stylistic trends in contemporary illustration. Students explore aesthetics and factors that contribute to unique and authentic style. Art buyer choices and public tastes are analyzed. Assignments are approached professionally, as art direction, and within a set of parameters, students are encouraged to take advantage of opportunities for creative freedom. Assignments include an interdisciplinary collaborative project and the integration of text with image. Students practice with their preferred media as they develop awareness of elements that contribute to the characteristic look that identifies their work.

Term:

Offered Fall Term

• ADIL-S302 Illustration IV: Originality & Creativity

Prerequisites:

Take ADIL-S301;

Credits:

3.00

Description:

This course provides an opportunity for students to consolidate the knowledge and experience from the three previous semesters of Illustration to expand their conceptual and technical skills as they strive for a synthesis of concept, process, technique, and style. Students will explore innovative and personal ways to express visual ideas, while focusing on advanced assignments that address a variety of real world applications and genres. Progressing from instructor-defined to student-defined objectives, assignments provide opportunity for students to develop an efficient and dependable ideation process and technical competence in a preferred medium. In the final weeks, students will be asked to develop a draft Studio Project Proposal Outline for the following semester.

Term:

Offered Spring Term

• ADIL-S305 Figure in Context

Prerequisites:

ADF-S101 AND ADF-S166(OR ADF-S143 and ADF-S151), and ADF-S102 is recommended.(may be taken concurrently)

Credits:

3.00

Description:

Explores the relationship between the human figure and the environment, providing intensive observational drawing and painting practice as preliminary study and visual reference for spatially and compositionally cohesive narrative imagery. Principles of color theory, light logic, and linear and atmospheric perspective are applied to address both 2-dimensional and 3-dimensional concerns (composition, color and the illusion of volume and spatial depth). With attention to theatrical staging, students arrange pose, drapery, clothing, props, and lighting to express specific narrative and emotional context. Camera and dioramas are used for visual reference and students combine reference materials from various sources. Sculptural models are used to explore human skeletal and muscular anatomy.

• ADIL-S307 Visual Development

Prerequisites:

Take ADIL-S201 and ADIL-S255 or ADG-S219;

Credits:

3.00

Description:

This studio elective explores the basic components of the pre-production process for animation, computer games, film and television - concept, character design, properties and assets, backgrounds and environments. Using a given story sequence and working as a team, students will produce everything from plot analysis to storyboards, maquettes, dioramas, background layouts and matte painting. Both aesthetic and technical issues will be addressed, with emphasis on effective process, including research and generation of ideas. Theories of dramatic staging, atmospheric and linear perspective and anatomy of visual storytelling will be reviewed with attention to narrative sequence, point of view, action, transitions and editing. Students will work with a variety of traditional 2D and 3D media and computer applications for drawing and painting (Photoshop, Painter, SketchUp, Blender, Maya) and be introduced to professional practices and presentation.

• ADIL-S401 Studio Project**Prerequisites:**

Take ADIL-S302;

Credits:

3.00

Description:

This semester of rigorous intellectual and creative exploration provides opportunity to research a subject of personal interest with social, cultural, scientific or commercial relevance. Students visually communicate ideas and information from their research and analyze and synthesize information and data to produce original visual works for a particular audience. This studio practice has interdisciplinary focus and may be the spark for ideas to be expanded in Illustration Portfolio or Illustration Collaboration courses. Experience and insights are a higher priority than the tangible results. Students carefully document and evaluate their ideas, research activities and results.

Term:

Offered Fall Term

• ADIL-S402 Collaboration**Prerequisites:**

ADIL-S302

Credits:

3.00

Description:

Creative collaboration provides a valuable opportunity for Illustration seniors to work with other artists or designers from any discipline - students or practicing professionals (on a pro bono basis), in partnership or groups - on original interdisciplinary creative projects related to theater (set, lighting and costume design), advertising (ads, packaging, signage and exhibitions), creative writing (publishing), journalism (commentary and reportage), medical or environmental science, biology, public service, or entrepreneurial licensed products. Content must derive from an existing source and all text must be previously published and written by someone other than the student illustrator. Collaborators divide tasks and responsibilities to best advantage.

Term:

Offered Spring Term

- **ADIL-S410 Portfolio**

Prerequisites:

TAKE ADIL-S302;

Credits:

3.00

Description:

Concentrated studio practice within a student's preferred illustration-related field, genre, market or subject matter, using the preferred media and format and targeting the preferred audience. Projects may involve existing or self-generated content (creative writing, product design, etc.). Students develop a concise project outline and work independently to create a focused body of artwork to be used to obtain employment or freelance work. Progress is discussed in weekly group seminars and individual instructor critiques. Final artwork is reproduced and assembled in a professional quality print portfolio. Students also present the work on a professional web site and may choose to participate in a solo or group exhibition of the original artwork. Each student invites an outside professional (publisher, art director, licensing agent, artist rep., etc.) to evaluate their portfolio for a final Portfolio Review.

Term:

Offered Fall Term

- **ADIL-S500 Illustration Directed Studio**

Prerequisites:

Instructor's Approval

Credits:

3.00

Description:

The student completes a directed studio project under the supervision of a full-time Illustration faculty member. Directed Studio request forms must be accompanied by a written proposal with a schedule and must be approved by the instructor, the Illustration Program Director, and the Department Chair.

Term:

Offered Both Fall and Spring

• ADIL-S510 Undergraduate Independent Stud**Credits:**

3.00

Description:

An Independent Study provides the student with the opportunity to examine an issue of interest that falls outside the parameters of the existing curricula. The student will work on a one-on-one basis with a full time faculty member to realize a particular and well-defined goal. All proposals for Independent Study must be approved by the Dean's Office in advance of the beginning of the semester during which the work will be completed.

• ADPR-101 Introduction to Advertising, Public Relations, and Social Media**Credits:**

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical approaches to the study of Advertising, Public Relations & Social Media. Students investigate the broad themes and foundational concepts which unify these diverse fields.

Term:

Offered Both Fall and Spring

• ADPR-102 Professional Development**Prerequisites:**

ADPR-101 must be taken concurrently

Credits:

1.00

Description:

In this hands-on experiential course, students examine potential career paths in Advertising, Public Relations, and Social Media, become oriented to the university and the surrounding Boston area, and identify professional resources in Boston that foster career development.

- **ADPR-103 Presentations Skills**

Credits:

4.00

Description:

The development and delivery of oral presentations. Students acquire skills in oral and physical delivery, organization, persuasion, critical thinking, and use of support media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-177 Professional Communication**

Credits:

4.00

Description:

An introduction to the processes of professional communication, with emphasis on oral presentations, report writing, effective listening, and interpersonal communication in the business environment.

Term:

Occasional

- **ADPR-210 Communication Research Statistics**

Credits:

4.00

Description:

The course develops an understanding of how statistics are used in the presentation of information and arguments in Advertising, Public Relations & Social Media. Emphasizing a conceptual approach to learning statistics, the course focuses on data collection and summarization, correlation, regression, sampling, estimation, and tests of significance. Students perform basic statistical calculations using SPSS software.

Term:

Offered Both Fall and Spring

Type:

Quantitative Analysis

• ADPR-217 Gay and Lesbian Studies**Credits:**

4.00

Description:

Examines the portrayal of homosexuality in political, social, and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions, and social movements.

Term:

Alternates Fall & Spring

• ADPR-219 Rhetoric of Protest and Reform**Credits:**

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **ADPR-235 Argument and Advocacy**

Credits:

4.00

Description:

Modern applications of argument in political, social, and legal situations. Emphasis on development of arguments, analysis, use of evidence, and delivery of oral and written assignments.

Term:

Offered Fall Term

- **ADPR-239 Creativity in Global Branding**

Credits:

3.00

Description:

This online course is provides students with an understanding of the role creativity plays in the development and management of a company's brands. Specifically, the class will delve deeply into creative strategy in advertising and marketing with a particular focus on award-winning creative strategy. The course will integrate international travel to France for the Cannes Lions International Festival of Creativity.

- **ADPR-245 Forensics**

Credits:

1.00- 8.00

Description:

Intensive research on topics in debate and active participation in the University forensics program.
ECR

Term:

Offered Spring Term

- **ADPR-247 Design Lab**

Credits:

4.00

Description:

Computer applications for advertising and communication design. Using various graphical editing and design programs, students learn the theory and practice of design for layout, logos, and graphic elements in communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• **ADPR-257 Advertising**

Credits:

4.00

Description:

A survey course that introduces students to advertising concepts and practices from the perspective of agencies, clients, the media, and consumers. Students learn to think critically about advertising messages and learn practical techniques for developing effective advertising in various media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• **ADPR-258 Sports Public Relations**

Credits:

4.00

Description:

The application of public relations strategies and techniques to college and professional sports.

Term:

Alternates Fall & Spring

- **ADPR-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media on contemporary society from a social science perspective. Television, radio, film, and print formats are discussed in terms of their persuasive impact on mass culture in the U.S.. The emergence and development of Rock N Roll is discussed in unison with the Civil Rights, Student's Rights, and anti-War movements of the period from 1946-1972.

Term:

Offered Spring Term

Type:

Human Behavior & Societies

- **ADPR-289 Social Media**

Credits:

4.00

Description:

Social media sites such as Facebook, Instagram, Snapchat and Twitter are examined from a cultural and critical perspective. Students use of social media for community formation, social presence, identity building, and social activism. The roles of advertising, public relations, and branding are examined.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-297 New Media New Markets**

Credits:

4.00

Description:

Students learn HTML, CSS and Widgets for the construction, design and posting of web sites. In addition, we examine the use of websites, mobile sites for advertising, public relations, search engine optimization, and marketing.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **ADPR-299 Blogs and Blogging**

Credits:

2.00

Description:

Introduces students to the elements of professional blogs and blogging, including blog structures, use of images, creation of podcasts, and appropriate writing. Examines the social influence of blogs and the ethical responsibilities of bloggers. Students create their own blogs as part of the course.

- **ADPR-309 Grassroots Digital Advocacy**

Credits:

2.00

Description:

Examines advocacy campaigns that use digital strategies and techniques. Students explore the use of social media to raise awareness for causes, issues, and fundraising, and consider the impact of technology on grassroots advocacy.

- **ADPR-317 Principles of Branding and Visual Identity**

Prerequisites:

ADPR-257

Credits:

4.00

Description:

Examines the success and failure of the visual identities of brands as well developing a new visual identity and launching a campaign for an existing brand. Includes an analysis of the strategically planned and purposeful presentation of a brand's visual identity as well as a brand's name, logo, tagline (slogan), color palette and other sensory elements that make a brand unique.

• ADPR-335 Negotiation**Credits:**

4.00

Description:

Introduces the techniques of negotiation. Focuses on the processes of negotiation across a variety of contexts. Offers students the opportunity to explore methods of applying these skills to professional and other real world settings.

• ADPR-340 Health Communication**Credits:**

4.00

Description:

Examines the important functions performed by human and mediated communication for health care consumers and providers. The course focus is on the use of communication strategies to inform and influence individual and community decisions regarding health.

Term:

Occasional

• ADPR-347 Media Planning**Prerequisites:**

CJN 257

Credits:

4.00

Description:

The planning and purchasing of advertising space and time. Examines media costs, budgets, and media strategy for different audiences and markets.

Term:

Offered Both Fall and Spring

• ADPR-351 Native Advertising

Prerequisites:

ADPR-257

Credits:

4.00

Description:

Examines the contemporary public relations practice of Native Advertising and sponsored content. Explores different forms of native advertising, methods and mechanisms for creating sponsored content, ethical and regulatory issues, and industry trends. Students learn how to blend content with news site partners, to use the different types of paid syndication, and to set up native ads.

• ADPR-359 Advertising Copy

Prerequisites:

CJN 257

Credits:

4.00

Description:

Continuation of basic advertising, with an emphasis on developing effective advertising messages and advertising campaigns.

Term:

Offered Both Fall and Spring

• ADPR-378 Event Planning and Promotion

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines how events are built, promoted, managed, and assessed, with an emphasis on conventions, trade shows, and nonprofit events. Issues analyzed include facilities planning and contracts, legal issues, volunteer management, budgeting, marketing, and planner/staff communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• ADPR-383 Online Advertising**Prerequisites:**

CJN-257;

Credits:

4.00

Description:

All forms of online advertising are explored, including paid search, with a focus on building a brand online.

Term:

Alternates Fall & Spring

Type:

Arts Admin Minor Elective

• ADPR-409 Content Management**Prerequisites:**

ADPR-2277

Credits:

4.00

Description:

Examines best practices for web publishing, including creating, editing and maintaining content for online and social media platforms. Students analyze the content of websites and then produce their own content in a variety of forms. Covers content creation and maintenance techniques, as well as customer and client relationship skills, with an emphasis on effective writing. Includes practical experience creating, editing and maintaining content for online and social media platforms.

• ADPR-430 Social Media Campaigns**Prerequisites:**

ADPR-389

Credits:

4.00

Description:

Covers the development of a social media campaign for a target audience using a variety of platforms. Students will use social media and design tools to create a campaign for a client, moving it from concept through execution.

• ADPR-431 Multi-Platform Marketing Communication**Prerequisites:**

ADPR-257

Credits:

4.00

Description:

Focuses on creating an integrated multi-platform brand campaign that spans various media, including television, social media, search and print. Students will analyze the success and failure of brands' campaigns and will also develop a multi-platform campaign for an existing brand.

• ADPR-435 Advocacy and Public Policy**Credits:**

4.00

Description:

Examines persuasion strategies and tactics for advancing public policy proposals and concerns. Students will learn how to apply the principles of Public Relations, Advertising, Negotiations and Persuasion to influence the public and government decision-makers.

• ADPR-437 Ad Campaigns

Prerequisites:

CJN 359, CJN 257

Credits:

4.00

Description:

Principles of advertising campaigns. Students design, plan, and produce a national advertising campaign for a client as members of a simulated agency team.

Term:

Offered Spring Term

• ADPR-441 Risk and Crisis Communication

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Provides students with insight into effective risk and crisis management within organizations, including health organizations. Focuses on the application of theories, strategies, and tactics from a public relations perspective. Students understand how communication can prevent, cause, accelerate, and assist in recovery from a crisis.

Term:

Occasional

• ADPR-444 Advanced Health Communication

Prerequisites:

CJN-340

Credits:

4.00

Description:

Explores theory and research in the development of persuasive health campaigns in many contexts including social marketing. Examines aspects of health campaigns including formative research, audience segmentation, key message tailoring, and communication tools.

Term:

Occasional

• ADPR-457 Integrated Marketing Communication

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines the integration of advertising, promotion, public relations and marketing communication in the strategic communication process. By learning the fundamentals of interpersonal and persuasive communication, students have an opportunity to develop an effective communication plan for a brand that includes creative copy.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• ADPR-458 Advanced Sports Public Relations

Prerequisites:

CJN-258

Credits:

4.00

Description:

Focuses on the theory and practice of effective sports public relations management including the development of sport, team, and league public relations campaigns. Also focuses on sports public relations in the context of stakeholder relations in sports.

Term:

Occasional

• ADPR-479 Environmental Public Relations**Credits:**

4.00

Description:

Examines public issues involving the environment. Focuses on public relations strategies for government agencies, corporations, and other organizations concerned with the environment.

Term:

Occasional

• ADPR-488 Grant Writing**Credits:**

4.00

Description:

Hands-on course that explores the process of writing and submitting grants to foundations, associations, the government, and other grantors on behalf of nonprofit organizations. Students learn how to identify grant resources through research, compile an effective submission, and write supporting material such as cover letters and appendices. Also covers how grants are reviewed and tips for successful grant submissions.

Term:

Occasional

• ADPR-489 Political Communication**Credits:**

4.00

Description:

Examination of special circumstances created by politics and their impact on attempts at persuasion. Case studies of famous politicians' political campaigns are combined with discussions of current trends in media and politics.

Term:

Occasional

- **ADPR-491 Special Topics in Advertising, Public Relations, and Social Media**

Credits:

4.00

Description:

Explores current issues in the field.

Term:

Offered Both Fall and Spring

- **ADPR-492 Special Topics in Public Relations**

Credits:

4.00

Description:

Explores current issues in public relations.

Term:

Occasional

- **ADPR-494 Special Topics in Advertising**

Credits:

4.00

Description:

Current issues in the field of advertising. Normally offered every semester.

Term:

Occasional

• ADPR-503 Experiential Learning in Communication**Prerequisites:**

16 Hrs of CJN coursework or CJN advisor consent

Credits:

1.00-12.00

Description:

Internships and practicum in Advertising, Public Relations & Social Media are available prior to the start of each semester.

Term:

Offered Both Fall and Spring

• ADPR-506 Honors Seminar**Prerequisites:**

Senior CJN majors with an overall cumulative grade point average of 3.0, and a major GPA of 3.4

Credits:

4.00

Description:

Senior CJN majors meeting requirements for Departmental Honors are invited to participate in this seminar, which entails research and presentation of an approved topic.

Term:

Offered Spring Term

• ADPR-510 Independent Study**Prerequisites:**

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00-12.00

Description:

An independent study experience in Advertising, Public Relations & Social Media is available prior to the start of each semester.

Term:

Offered Both Fall and Spring

• ADPR-2277 Public Relations I: Principles**Credits:**

4.00

Description:

Effective public relations involve an understanding of the history, theory, and practice of public relations including public relations concepts, the role of the practitioner, and the foundations of public relations. This course seeks to provide that foundation as an introduction to the field of public relations. Issues surrounding the history, legality, process, and principles of public relations are explored.

Term:

Offered Both Fall and Spring

• ADPR-3376 Public Relations II: Research**Prerequisites:**

CJN-2277 (Formerly CJN-277)

Credits:

4.00

Description:

Examines how research aids the public relations practice. Students learn research methods that address public relations planning and problem-solving. Assignments provide students with hands-on practice using research for a PR project.

Term:

Offered Both Fall and Spring

- **ADPR-3377 Public Relations III: Strategic Writing**

Prerequisites:

CJN-2277(formerly CJN-277);

Credits:

4.00

Description:

Focuses on writing principles for public relations including the formulation of clear PR objectives, determining the knowledge of the target audience, and the development of key messages. Students apply these principles to common PR formats, including news releases, pitch letters, biographies, speeches, emails, digital content, and social media posts.

Term:

Offered Both Fall and Spring

- **ADPR-4477 Public Relations IV: Campaigns**

Prerequisites:

ADPR-2277(formerly CJN-2277) and ADPR-3377(formerly CJN-3377) and Senior Standing.

Credits:

4.00

Description:

Examines typical public relations problems experienced by profit and not-for-profit organizations. Provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign plan for a community client.

Term:

Offered Both Fall and Spring

- **ALS-264 Introduction to Law and Legal System**

Credits:

4.00

Description:

Introduction to civil, criminal and constitutional law, with special focus on procedural law and the federal and state court systems. Limitations of the courts, forms of remedies, the law of equity and institutional sources of American law will also be studied. Introduction to judicial cases and brief writing. Normally offered each semester.

- **ALS-265 Law and Ethics**

Credits:

4.00

Description:

Ethical issues are central in law for lawyers, paralegals, judges, jurors and anyone working within or touched by the legal system. This course examines philosophical questions, practical issues, and social theories of law, primarily through the use of legal materials, to analyze legal ethical theory. The course considers how major theories are characterized within the American legal system, including the presumption of innocence, due process guarantees, the right to counsel, and other fundamental legal concepts. Normally offered alternate years.

- **ALS-266 Criminal Law**

Credits:

4.00

Description:

This course examines criminal law in the United States from a broad perspective. It will present the general principles and doctrines that affect the whole criminal law, such as elements of criminal offenses, defenses to crime, and perspectives on crime and criminal law. In addition, students will learn the elements of specific crimes, such as homicide, criminal sexual conduct, terrorism and related crimes, crimes against public morals, and crimes against property. Discussions of the direction of the criminal law and constitutional limitations on government will be presented as preparation for future study.

- **ALS-360 Fundamentals of Paralegal Practice**

Credits:

4.00

Description:

Introduces the student to the responsibilities of paralegals and to the culture of the legal profession. Topics include the development of paralegalism as a profession, the definition of the practice of law, ethical considerations, interviewing techniques, legal research, law office management, and client relationships. Normally offered each semester.

- **ALS-361 Legal Research & Writing I**

Credits:

4.00

Description:

How to use the law library, perform legal research, write legal analysis in memorandum form, and use computers as a research tool. Initial focus is on learning how to find legal materials, including federal and state case law, statutory law, and administrative law. Use of finding tools such as digests, encyclopedias, and CALR will be studied, as will Shepardizing. Focus also on legal writing, from letters through case analysis. Normally offered fall semester. Sophomore Status Required

- **ALS-362 Litigation**

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each semester.

- **ALS-363 Law of Contracts**

Credits:

4.00

Description:

The existence and validity of a contract is determined by specific rules. Students will learn about formation through offer and acceptance, contract enforceability, the necessity of consideration, and breach of contract and will draft contract provisions as a paralegal might in a law office. Normally offered each semester. Sophomore status required.

- **ALS-365 Wills and Probate**

Prerequisites:

Take ALS-264 or ALS-360 or Instructor's permission

Credits:

4.00

Description:

State laws affect the disposition of an individual's estate at death, and upon death, the estate must be probated in court. Focus on estate information gathering, drafting of wills, and the probate of estates for those with and without wills. Emphasis on the role of the paralegal in a law office handling wills and probate. Prerequisites: ALS 360 or 363 or permission of instructor. 1 term - 4 credits. Normally offered yearly.

• ALS-366 Corporate Law**Prerequisites:**

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

Corporations are unique business entities and specialized citizens of the state. This course will examine the special rules for establishing and maintaining a corporation, including the nature of corporations and their legal relationships with governments, individuals, and other business entities. Students will learn about the role of paralegals in corporate law offices, including document management and production, corporate litigation processes, and maintaining corporate compliance. Normally offered alternate years.

• ALS-368 Real Estate Law**Credits:**

4.00

Description:

This course will present common law real estate principles and the effect of federal agencies on the buying and selling of real property. Sample forms including leases, purchase and sale agreements, and closing forms are reviewed and drafted. Normally offered alternate years.

• ALS-369 Family Law**Prerequisites:**

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

Family law includes marriage, divorce, support, custody, property division, and abuse prevention petitions. Essentially an area of state law, it is often the backbone of general practice law firms. The role of paralegals in a family law office will be studied. Normally offered yearly.

• ALS-370 Administrative Law and Worker's Compensation**Prerequisites:**

Take ALS-360 or ALS-362

Credits:

4.00

Description:

Federal and state administrative agencies such as FTC, NLRB, and EEOC are extensive sources of law. Familiarity with these agencies is useful in many areas where a paralegal might work. Additionally, Worker's Compensation law is uniquely suited to assist the student in acquiring a practical understanding of the administrative law area, and its legal, administrative, economic, and social foundations will be studied. Normally offered alternate years.

• ALS-373 Education Law**Credits:**

4.00

Description:

This course provides a basic overview of key issues in contemporary education law and policy. Relevant local, state, and federal laws will be reviewed as well as education policy issues, including civil rights, student safety and discipline. This course will also cover the core educational entitlements granted to all students with disabilities in the public education system. It will focus on the substantive legal protections designed to ensure that students with disabilities receive a Free and Appropriate Public Education, and on the various procedural protections for students and parents. The course will cover major federal legislation such as the IDEA, ADA and Section 504, as well as major Supreme Court and other important cases. The course will cover fundamental legal issues balancing the interests of the public, schools, students, and parents. Additionally, since paralegals have become an important part of education law enforcement and practice, several assignments will focus on practical paralegal work.

- **ALS-374 Torts: Personal Injury Law**

Credits:

4.00

Description:

Many civil suits arise when the negligence of an individual creates injury to another. Elements of negligence law and specific types of cases such as automobile accidents and medical malpractice will be studied, with an emphasis on practical aspects of drafting and research for the prospective paralegal. Normally offered yearly.

- **ALS-375 Technology and the Law**

Prerequisites:

Take ALS-362

Credits:

4.00

Description:

The role of computers and software in the law office as it affects the paralegal. Lectures and hands-on applications will focus on the changing technology of computer hardware through fact scenarios that students will use to track changes from introduction to resolution in litigation. Focus on software applications involving word processing, spreadsheets, billing, diary and scheduling, research, and use of the Internet. Normally offered alternate years.

- **ALS-378 Advanced Litigation & Trial Practice**

Prerequisites:

ALS 362, or permission of instructor

Credits:

4.00

Description:

Building on the skills introduced in ALS 362, Civil Litigation, this course will provide a thorough study of the rules of evidence, the process of discovery, and the preparation of a case for a trial, as well as the roles of arbitration, mediation, and negotiation in litigation and other legal disputes. Theory will be combined with practical applications for prospective paralegals, such as deposition abstracting, gathering and preserving evidence, and techniques on how to prepare a case for ADR. Normally offered yearly.

- **ALS-381 Paralegal Internship**

Prerequisites:

Senior standing and at least 15 hours of paralegal courses, or instructor's permission.

Credits:

4.00

Description:

A one-semester internship in either a law office, a governmental agency, insurance company, or a for-profit or non-profit corporation, depending on the positions available during each semester. Once a week seminars will discuss such topics as ethical considerations in a law office, experiences gained as a paralegal interns, and seeking paralegal employment. For specific placements/information, students must contact the Director of Paralegal Studies prior to the start of each semester. Prerequisites: Senior status and at least 15 hours of Paralegal Studies or permission of instructor. 1 term - 4 credits. Normally offered spring and summer. ECR

- **ALS-383 Immigration Law**

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

Study of the immigration and nationality laws of the United States focusing on the interplay of the administrative agencies which administer those laws: Justice Department, Labor Department, and State Department. Topics include the immigrant selection system; the issuance of non-immigrant visas; grounds for excluding aliens and waiver of excludability; grounds for removal; change of status, and refugee and asylum status. Special emphasis on the paralegal's role in representing and communicating sensitively with aliens. Normally offered yearly.

- **ALS-384 Intellectual Property**

Prerequisites:

Take ALS-264 or ALS-360;

Credits:

4.00

Description:

A survey of the law of the protection of ideas, trade secrets, inventions, artistic creations, and reputation. The course will briefly review the bases for patent, trademark, copyright and trade secret protection, the distinction among the various forms of intellectual property, and the statutory and common law methods of enforcing rights. Normally offered yearly.

• ALS-385 Legal Research & Writing II**Prerequisites:**

Take ALS-361;

Credits:

4.00

Description:

Building on the skills in ALS 361 - Legal Research & Writing I, this course continues the focus on learning how to find legal materials and how to summarize research results. Writing skills will be strengthened through various exercises and revisions. Skill development in legal analysis, writing legal memoranda, and using computer assisted legal research with Westlaw and Lexis will be emphasized. Normally offered spring semester.

• ALS-390 Employment & Labor Law**Prerequisites:**

Take ALS-264 or ALS-360; or instructor's permission

Credits:

4.00

Description:

The nature of the employment relationship and an overview of constitutional and federal statutory provisions that affect the employment relationship will be studied. Particular emphasis on the Civil Rights Act, the Age Discrimination in Employment Act, and the Americans with Disabilities Act. Statutory provisions regarding benefits and employment-related entitlements will also be studied. Normally offered yearly.

• ALS-391 Domestic Violence, Abuse & Neglect**Prerequisites:**

Take ALS-264 or ALS-360; or instructor's permission

Credits:

4.00

Description:

An opportunity to learn the history of domestic violence including battering, child abuse and child neglect, and the legal response to it. Focus will be on Massachusetts Law and its response, especially the Abuse Prevention Act, its application and enforcement, and on laws protecting children from abuse and neglect. Filings, law office issues and special issues in dealing with battered women and abused and neglected children will be included with the psychological issues, cultural issues, and advocacy possibilities. Normally offered yearly. Sophomore status required. Cultural Diversity A

• **ALS-396 International Law**

Prerequisites:

Take ALS-264 or ALS-360 or instructor's permission

Credits:

4.00

Description:

With the globalization of the world economy, legal professional and business people require knowledge of international law more than ever. This course offers students a survey of selected materials in public international law. Covered will be the practical and theoretical issues of international law, from the Law of the Sea to business implications to definitions of war and international concepts of justice. Normally offered yearly.

• **ALS-510 Independent Study**

Prerequisites:

Instructor's consent required

Credits:

1.00- 4.00

Description:

Individual program of reading and research on an approved topic under the supervision of a member of the department. Only for qualified juniors or seniors. Offered every semester.

- **AMST-101 American History and Culture**

Credits:

4.00

Description:

This course offers a basic introduction to American culture and society through the study of American History. The city of Boston and its extraordinary history and institutions will be at the heart of the class and students will frequently visit sites close to the campus. Topics will focus on areas such as the way people from different cultures have understood and misunderstood each other; the evolution of American politics and political institutions; the American Revolution and the founding documents and institutions of the United States; the distinct forms of American religion, American literature and the American economy; slavery and race in American society; the rise of America to world power; the changing role of women; the New Deal and the rise of the modern welfare state; immigration; the development of popular culture; and the meaning of Donald Trump.

- **AMST-111 Defining America and Americans**

Credits:

4.00

Description:

Examines artistic, social, and political imaginings of America and Americans. We will read works by American and foreign observers of the United States to ask how Americans define themselves and how others see them. Course assignments will introduce students to themes, perspectives, and methods in the field of American Studies.

Type:

Social & Intellectual HST

- **ARAB-101 Elementary Modern Standard Arabic**

Credits:

4.00

Description:

Masters Arabic alphabet, learn elementary formal grammar and develop reading, speaking, and writing skills.

Term:

Offered Fall Term

- **ARAB-102 Elementary Modern Arabic II**

Prerequisites:

ARAB 101 or Instructor's consent

Credits:

4.00

Description:

Continues to master Arabic alphabet, learn elementary formal grammar and develop reading, speaking, and writing skills.

Term:

Offered Spring Term

- **ARH-101 Art History I**

Credits:

4.00

Description:

Surveys the art of Western civilization from prehistoric caves to medieval cathedrals. Considers works from the Ancient Near East, Ancient Egypt, Ancient Greece and Rome, the Byzantine Era, the Romanesque Period, and the Gothic Period in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

- **ARH-102 Art History II**

Credits:

4.00

Description:

Surveys the art of Europe and America from the Renaissance to the present. Considers work of painting, sculpture, and architecture from periods such as the Renaissance, the Baroque, the Rococo, Neoclassicism, Romanticism, Impressionism, Abstract Impressionism, and Post-Modernism in their historical contexts. Introduces students to formal analysis, iconography, and critical thinking.

Term:

Offered Both Fall and Spring

• ARH-H102 Honors Art History II**Credits:**

4.00

Description:

A survey of the art of Europe and America from the Renaissance to the present. Works of painting, sculpture, and architecture are presented in their historical context. Course covers the Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, Cubism, Surrealism, Abstract Expressionism, Pop, and Post-Modernism.

Term:

Offered Both Fall and Spring

Type:

Honors

• ARH-203 Arts of Asia**Credits:**

4.00

Description:

Surveys painting, sculpture, and architecture in Asia from prehistoric times to the modern era, including the Middle East, India, China, Korea, and Japan. Emphasizes the connection between visual arts, belief systems, and historical contexts with a focus on Hinduism, Buddhism, and Islam as well as secular literature.

• ARH-205 Gender, Class and Alterity in Ancient And Medieval Art**Credits:**

4.00

Description:

Explores issues of sexuality, gender, race, and social class in the ancient and medieval worlds. Examines key artworks from ancient Greece, the Roman Empire and medieval Europe within

historical, social and cultural contexts.

- **ARH-290 Internship in Art History**

Prerequisites:

ARH-101 and ARH-102 and Instructor consent

Credits:

1.00- 4.00

Description:

Designed to accompany an internship at a local museum, gallery, archive, or other art institution, this independent study course will carry variable credit depending on the number of hours devoted to the internship and the related academic work done by the student. Interested students should consult the instructor as they are applying for internships.

- **ARH-305 Art of Greece and Rome**

Credits:

4.00

Description:

Examines the civic, religious, and domestic art and architecture of the Ancient Mediterranean cultures of Greece and Rome. Considers temples, forums, basilicas, city planning, sculpture, pottery, wall painting, mosaics, and engineering achievements in their cultural contexts.

Term:

Occasional

Type:

Classics Minor

- **ARH-307 Art of the Italian Renaissance**

Credits:

4.00

Description:

Examines painting, sculpture and architecture of the 14th, 15th, and 16th centuries in Italy in their cultural context. Artists include Giotto, Masaccio, Donatello, Leonardo da Vinci, Raphael, Michelangelo, and Titian.

Term:

Occasional

- **ARH-308 Art of the Baroque & Rococo**

Credits:

4.00

Description:

Explores painting, sculpture and architecture in Italy, Spain and Northern Europe during the 17th and 18th century. Works by Rembrandt, Rubens, Caravaggio, Bernini, Poussin, Velasquez, Watteau, Boucher, Fragonard, Chardin, Hogarth and others considered within their historical contexts.

Term:

Occasional

- **ARH-309 Art of the 19th Century**

Credits:

4.00

Description:

Examines Neoclassicism, Romanticism, Realism and Impression in the European painting. Considers works by artists such as David, Ingres, Friedrich, Constable, Delacroix, Goya, Courbet, Millet, Daumier, Manet, Monet, Renoir, Degas, and Cassatt within their historical contexts.

Term:

Occasional

- **ARH-310 Modernism in Art**

Credits:

4.00

Description:

Examines European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, The Bauhaus, Dada, and Surrealism. Considers works by artists such as Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Mondrian, Duchamp, Magritte, Dali, and Ernst within their historical contexts.

- **ARH-311 American Art**

Credits:

4.00

Description:

Surveys American painting, sculpture, photography and architecture from the colonial period through WWII. Considers works by artists such as Smibert, Copley, West, Stuart, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole, Inness, Sloan, Sullivan, Wright, Hopper, O' Keefe, Dove, Hartley, Bellows, Stieglitz, Weston, and Steichen.

Term:

Occasional

- **ARH-312 Art of the Northern Renaissance**

Credits:

4.00

Description:

Examines painting, sculpture, and architecture of the 14th, 15th and 16th centuries in Northern Europe, within their historical context. Topics include the rise of oil painting, the development of woodcut and engraving, the effect of the Reformation on art. Artists include van Eyck, Bosch, Durer, Holbein and Brueghel.

Term:

Occasional

- **ARH-316 Contemporary Art**

Credits:

4.00

Description:

Explores European and American art since WWII, including Abstract Expressionism, Colorfield Painting, Pop Art, Minimalism, Neo-Dada, Performance Art, Feminism, Neo-Expressionism and Post-Modernism. Artists include Bacon, Giacometti, Pollock, De Kooning, Frankenthaler, Rothko, Stella, Judd, Calder, David Smith, Serra, Johns, Rauschenberg, Warhol, Lichtenstein, Smithson, Christo, Nevelson, Kosuth, Kruger, Sherman, Basquiat, Kiefer, and Haring.

Term:

Occasional

Type:

Arts Admin Minor Elective

• ARH-318 Art and Museums Today

Credits:

4.00

Description:

Examines the art world of the past few decades with special attention to the roles and exhibition practices of contemporary art museums and galleries. Considers the major artists and trends in today's art world, the history of museums, and the effect of museums on art produced today. Students will visit local museums, including the Institute of Contemporary Art (ICA) individually and in groups. This course fulfills the ECR requirement.

Term:

Offered Fall Term

Type:

Arts Admin Minor Elective

• ARH-321 Women, Art & Society

Credits:

4.00

Description:

Surveys women artists from the sixteenth century to the present and examines new direction in art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

- **ARH-401 Special Topic: Seminar in Art**

Prerequisites:

Permission of instructor needed

Credits:

4.00

Description:

Topic will vary from year to year.

Term:

Offered Spring Term

Type:

Arts Admin Minor Elective

- **ARH-404 Seminar in Art History: Caravaggio**

Prerequisites:

Permission of instructor required

Credits:

4.00

Description:

Explores the art of Caravaggio within the historical context of the Early Baroque period in Italy. The course emphasizes research skills and the methodology of art history. Designed as a foundation for students intending to pursue a career in the world of art and/or museums.

- **ARH-406 Seminar in Art History: Bernini**

Prerequisites:

Instructor's consent required.

Credits:

4.00

Description:

Explores the art of Gian Lorenzo Bernini, arguably the most important and influential figure in the world of 17th-century art. Designed for art history majors & minors, the seminar explores Bernini's career within the context of the religious, political, and artistic upheavals of his time; it also helps students develop research skills and provides a foundation that will be valuable for anyone pursuing a career in the world of art and museums.

• ARH-411 Seminar in Art History: Impressionism

Prerequisites:

Permission of instructor required

Credits:

4.00

Description:

Explores the Impressionist movement of the late nineteenth-century, including Monet, Renoir, and Pissaro, within its historical context. The course emphasizes research skills and the methodology of art history. Designed as a foundation for students intending to pursue a career in the world of art and/or museums.

• ARH-502 Honors Thesis

Prerequisites:

Senior standing & permission of the Dept.Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Occasional

• ARH-510 Independent Study

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Students meet with a departmental faculty member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

- **ART-02 Pre-College**

Credits:

0.00

Description:

Intended for high school students and recent high school graduates. Normally offered summer semester.

- **ART-10 Portfolio Development Workshop**

Credits:

0.00

Description:

In this workshop, participants will get a flavor for the types of tools, techniques and assignments utilized in studio-based instruction. Students will have an opportunity to practice traditional hand skills, gain exposure to digital tools and learn how material and lighting selection influences design solutions. Through a variety of spatial and analytical investigations as well as guest lectures, students will better understand the many design considerations and decisions involved in creating spaces.

- **ART-S209 Introduction to Drawing and Mixed Media**

Credits:

3.00

Description:

This course is an introduction to the fundamental principles of drawing using both traditional and experimental techniques. Media includes pencil, charcoal, pastels, oil pastels, image-transfer, and collage. This course is appropriate for beginners as well as more advanced students. Individual attention is given to students at various levels of ability and allows students to progress at their own pace. The lessons will be supplemented by lectures and visits to museums and galleries. Please note: This is a 3-credit studio course.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• ART-S211 Introduction to Painting

Credits:

3.00

Description:

This introductory course is designed to encourage students with little or no knowledge of the use of various painting processes. The basic elements of painting are introduced in exercises enhanced by demonstrations and gallery visits. Students can choose to work with various painting mediums including oil, acrylic, or watercolor. Creative work is encouraged in a relaxed atmosphere where individual attention is given to students at various levels of ability. Please note: This is a 3-credit studio course.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• ART-S216 Italy: Image Making

Credits:

3.00

Description:

This studio based elective course includes painting from observation, image capture in photography, image manipulation in Photoshop, photo transfer and cross over techniques with hand manipulated materials while giving students a study abroad, create and cultural experience in Italy.

- **AS-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Both Fall and Spring

Type:

Asian Studies, Social & Intellectual HST

- **AS-210 Traditional Chinese Society From 1800 to 1949**

Credits:

4.00

Description:

This course focuses on traditional Chinese society from 1800 to 1949, taking up such areas as family and kinship, social mobility, education, economic and social differentiation, community and social life, and popular belief. Examining the practices and ideologies underlying each area will enhance our understanding of the nature of traditional Chinese society, and help explain how elements of Chinese traditional culture contribute to modern Chinese identity and everyday life.

Term:

Occasional

- **AS-220 Chinese Food in America**

Credits:

4.00

Description:

There are more Chinese restaurants in the U.S. than MacDonald's, Burger Kings and KFC'S combined. This course examines the unique American phenomenon of Chinese food from a historical and anthropological viewpoint. Students will gain a better appreciation and understanding of the subject through the course and will probably never look at local Chinese takeout the same way afterwards

Term:

Offered Spring Term

Type:

Asian Studies

- **AS-500 Asian Studies Internship**

Credits:

4.00

Description:

Engages in an internship in a business or non-profit organization that deals with Asia or an Asian American community. Students may complete the internship either in Asia or in the U.S. Students will complete appropriate exercises and reports to document their learning. (1 course, 4-12 credits; can be taken multiple times in different semesters)

Term:

Offered Both Fall and Spring

Type:

Global Engagement Experience

- **AS-510 Independent Study**

Credits:

1.00- 4.00

Description:

Works directly with a faculty member on an agreed topic related to Asia or an Asian language. Past topics include: intermediate Chinese and Japanese; Asian popular culture.

Term:

Offered Both Fall and Spring

- **AS-511 Professional Development for Asian Studies**

Prerequisites:

Instructor consent required

Credits:

1.00

Description:

Students will reflect on their college career and develop a personal strategy for attaining professional goals. They will understand ethical guidelines and professional conventions by examining the differences between American work culture and Asian work culture; by applying this understanding to a transnational/diverse professional world. Students will understand what the job market and graduate school opportunities are like for Asian Studies graduates.

- **ASL-101 Elementary American Sign Language I**

Credits:

4.00

Description:

Introductory course for nonnative signers. Emphasis on receptive skills, vocabulary, and grammar. Introduction to issues important to the Deaf community. One language laboratory session per week.

Term:

Offered Fall Term

- **ASL-102 Elementary American Sign Language II**

Prerequisites:

ASL 101

Credits:

4.00

Description:

Continues to develop receptive skills, vocabulary and grammar. Explores patterns of lexical and grammatical structure. Fosters awareness of issues important to the Deaf community.

Term:

Offered Spring Term

• BIO-101 Principles of Biology I**Prerequisites:**

Must take BIO L101 concurrently

Credits:

3.00

Description:

An introductory course in basic concepts in cell biology, and genetics. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology. Not recommended for those interested in health careers.

Term:

Offered Fall Term

• BIO-L101 Principles of Biology I Lab**Prerequisites:**

Must take BIO 101 concurrently

Credits:

1.00

Description:

A series of experiments and explanations to study the principles of diffusion, enzyme function, cell division, genetics and evolution. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology.

Term:

Offered Fall Term

• BIO-102 Principles of Biology II**Prerequisites:**

BIO L102 must be taken concurrently

Credits:

3.00

Description:

Investigations of relationships among organisms in time and space. Evolution, diversity, and human biology in the context of contemporary society. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology.

Term:

Offered Spring Term

• BIO-L102 Principles of Biology II Lab

Prerequisites:

BIO 102 must be taken concurrently

Credits:

1.00

Description:

Exercises and field trips designed to complement and demonstrate the principles developed in the lecture section. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology.

Term:

Offered Spring Term

• BIO-104 Environmental Biology

Prerequisites:

BIO 101 and BIO L101, can also be taken concurrently BIO L104 must be taken concurrently

Credits:

3.00

Description:

An introduction to basic evolutionary, behavioral and ecological principles. Readings and discussions emphasize the ways that humans are affected by ecological processes and principles as well as how

humans and their technology affect ecosystems. May not be taken by Biology majors or minors. This course will not fulfill requirements for a major or a minor in Biology. It is intended for non-biology majors as a follow-up to Biology 101. 3 hours lecture. Days Only. Madrid Campus only.

Type:

SCI TECH ENGNR

• BIO-L104 Environmental Bio Lab

Prerequisites:

BIO-104 must be taken concurrently

Credits:

1.00

Description:

Exercises and field trips designed to complement and demonstrate the ecological principles developed in the lecture section. The lab emphasizes the scientific method and employs long term group projects. Madrid Campus only.

Type:

SCI TECH ENGNR

• BIO-105 Humans and the Evolutionary Perspective

Prerequisites:

Non Science Majors Only

Credits:

4.00

Description:

Major topics include the scientific basis of evolution, the fossil history of vertebrates, evidence of evolution in the human body, and applying an evolutionary perspective to the social interactions and possible futures of humanity. Meets one of the non laboratory science requirements for the non-science major. This reading and writing intensive course is a non-laboratory science option for non-science majors. This course will not fulfill requirement for a major or a minor in Biology.

Term:

Occasional

Type:

SCI TECH ENGNR

• BIO-H109 Plants and People

Prerequisites:

Non Science Majors Only. Honors student or 3.3 GPA only.

Credits:

4.00

Description:

This course focuses on the ancient, intimate, and mutually beneficial relationship between humans and plants. We will discuss the basic anatomy, physiology, and genetic characteristics of flowering plants and how these characteristics have facilitated their use by humans. We will explore the impacts of a wide range of plants and their products on human society while considering the evolutionary changes that these plants have undergone through artificial selection. We will also touch on the synergistic role of fungus and plants in alcohol fermentation. This course fulfills the non-lab natural sciences requirement for BFA, BSJ, and BA degrees. Non-biology majors only.

Type:

SCI TECH ENGNR, Honors

• BIO-111 Introduction to the Cell

Prerequisites:

Must take BIO L111 concurrently

Credits:

3.00

Description:

Explanation of key biological structures and reactions of the cell. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L111 Introduction to the Cell Laboratory**

Prerequisites:

Concurrently with BIO 111

Credits:

1.00

Description:

Sessions are designed to familiarize the student with biological molecules, and the techniques used in their study. The techniques covered include basic solution preparation, separation and quantification of molecules, enzyme catalysis, and cell isolation.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently.

Credits:

3.00

Description:

Rigorous introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. This is an introductory course required of all biology majors and minors, and some non-biology science majors. This course is not recommended for the non-science student.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **BIO-201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only.

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGR

- **BIO-H201 Biology's Big Questions**

Prerequisites:

Non Science Majors Only and at least a 3.3 GPA

Credits:

4.00

Description:

This course seeks to answer five current questions from all levels of biology, from the subcellular to the ecosystem level. Topics will be discussed in the context of genetics, evolution, and ecology. We will focus on the process of doing science, including how scientists evaluate ideas and communicate their findings. Emphasis will be placed on topics in biology that impact daily life.

Type:

SCI TECH ENGNR,Honors

• BIO-203 Anatomy and Physiology I**Prerequisites:**

BIO L203 MUST BE TAKEN CONCURRENTLY BIO 111, BIO L111.

Credits:

3.00

Description:

First part of a systematic survey of the structural and functional interrelations of the organ systems of the human body. This course emphasizes histology and physiology in the understanding of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

• BIO-L203 Anatomy & Physiology Lab I**Prerequisites:**

BIO 111/L111; Must take BIO-203 concurrently

Credits:

1.00

Description:

A study of the human skeletal system and a comparative look at other organ systems involving observation of anatomical models and dissection of mammalian specimens. Also includes microscopy

and computer simulations of physiological processes.

Term:

Offered Fall Term

- **BIO-204 Anatomy and Physiology II**

Prerequisites:

BIO 203, BIO L203; BIO L204 must be taken concurrently;

Credits:

3.00

Description:

Conclusion of a systematic survey of the structural and functional interrelations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, digestive, urinary, and reproductive systems as well as the physiology of immune responses, nutrition, and acid-base balance. Medical terminology will be used.

Term:

Offered Spring Term

- **BIO-L204 Anatomy & Physiology Lab II**

Prerequisites:

BIO 203/L203 and BIO 204 must be taken concurrently;

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues and physiological experiments.

Term:

Offered Spring Term

- **BIO-222 Field Botany**

Prerequisites:

BIO 111 and BIO-L111. This course will fulfill the Expanded Classroom Requirement.

Credits:

4.00

Description:

A three-week camping excursion, during which common tracheotypes, bryophytes, algae, and other photosynthetic organisms characteristic of various habits in Maine will be identified. Emphasis will be on plant ecology including species interactions and habitat requirements. Vertical zonation in mountains, lakes and intertidal areas will be a point of focus. Participants will camp for one week at each of three sites: Baxter State Park, Central Maine (near Augusta), and on Cobscook Bay. Travel will be by van(s) and hiking (up to ten miles a day) over difficult terrain. Sleeping bags and pads required (tents provided). Additional fees: Camping and food est. \$525.00. ECR. The three-week camping excursion typically runs from late May (after tradition Spring course finals are over) into June. Taught yearly.

Term:

Offered Spring Term

- **BIO-225 Plant Biology**

Prerequisites:

Bio 111, L111 and Bio 114, L114; Must be taken concurrently with L225.

Credits:

3.00

Description:

Course introduces students to the anatomy, physiology, systematics, ecology, and economic uses of all major groups of plants. Aspects of the biology of nonvascular, non-seed, gymnosperm, and angiosperm plants are explored. An overview of Kingdom Fungi is also covered. Each student is required to do a 10-15 minute presentation to the class highlighting the economic use of a group of plants assigned by the instructor. Normally offered Spring semester.

Term:

Offered Spring Term

- **BIO-L225 Plant Biology Laboratory**

Prerequisites:

BIO 111/L111 and BIO 114/L114; BIO 225 concurrently;

Credits:

1.00

Description:

Lab exercises focus on plant anatomy, physiology, and systematics. Instruction in the identification of major plant families and fungal types is covered. Trips to a Boston area herbarium and botanical garden are required.

Term:

Offered Spring Term

• BIO-233 Human Nutrition

Prerequisites:

BIO 111/L111 and BIO 114/L114;

Credits:

4.00

Description:

This interactive introduction to nutrition explores the science of human nutrition and further reviews concepts of how nutrition can promote health and well being. The course will review specific nutrient needs and functions, nutrient digestion, and the role of diet in well being and in the presence of chronic disease. Weekly course work encourages scientific literacy and fosters critical evaluation of nutrition in the news and in social media.

• BIO-240 Introduction to Marine Mammals

Prerequisites:

BIO-111, BIO-L111, BIO-114, and BIO-L114

Credits:

4.00

Description:

This course explores the biology and natural history of marine mammals, including cetaceans, pinnipeds, and sirenians, with a particular focus on species endemic to the North Atlantic. Topics include evolution, anatomy, physiology, behavior, ecology, field identification, the history of whaling and

sealing, and contemporary management and conservation issues. Hands-on activities may include the dissection of a small marine mammal and a whale watch in Massachusetts Bay.

- **BIO-254 Marine Biology**

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-L254 concurrently;

Credits:

3.00

Description:

Introduction to the marine environment, its organisms and their specific adaptations. Emphasis on marine and estuarine ecology, intertidal habits, trophic relations, and physiology. Human impacts on the sea: fisheries, mariculture, pollution, introduced species, climate change and seawater acidification, and law of the sea. Taught yearly each fall.

Term:

Offered Fall Term

- **BIO-L254 Marine Biology Lab**

Prerequisites:

BIO-111/L111 or BIO-114/L114 or Instructor's consent; BIO-254 concurrently;

Credits:

1.00

Description:

Field trips to local marine environments, museums, and aquaria; field and laboratory study and observations of live, preserved, and models of marine organisms.

Term:

Offered Fall Term

- **BIO-262 Principles of Cell Culture**

Prerequisites:

BIO 111, L111 and BIO 114, L114 and CHEM 111, L111

Credits:

4.00

Description:

The course is designed as an application base educational experience that will allow students to learn the standard techniques associated with successful cell culture. As such, students are responsible for the maintenance, propagation, isolation, and preservation of their cells. A number of cell types and experimental manipulations of the cultures are investigated throughout the semester.

Term:

Offered Spring Term

• BIO-273 Biostatistics**Prerequisites:**

BIO 111/L111

Credits:

4.00

Description:

Introduction to the statistical methods used to evaluate biological problems. Sampling, probability, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered. Software for data handling, graphics, and analysis will be used.

Term:

Offered Fall Term

Type:

Quantitative Analysis

• BIO-H273 Biostatistics**Prerequisites:**

BIO 111/L111; Restricted to CAS Honor Students

Credits:

4.00

Description:

Introduction to the statistical methods used to evaluate biological problems. Sampling, probability, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered. Software for data handling, graphics, and analysis will be used.

Term:

Offered Fall Term

Type:

Honors

• BIO-274 Genetics**Prerequisites:**

BIO 111/L111 and BIO 114/L114; BIO L274 concurrently;

Credits:

3.00

Description:

An examination of the basic principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, structure and function of chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, and population genetics.

Term:

Offered Fall Term

• BIO-H274 Genetics**Prerequisites:**

BIO 111/L111 and BIO 114/L114; BIO L274 concurrently; CAS Honors

Credits:

3.00

Description:

An examination of the basic principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, structure and function of chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, and population genetics.

Term:

Offered Fall Term

Type:

Honors

• BIO-L274 Genetics Lab

Prerequisites:

BIO-111, BIO-L111, BIO-114, and BIO-L114. Must be taken concurrently with BIO 274.

Credits:

1.00

Description:

Experiments designed to demonstrate principles presented in lecture, using a range of genetic model organisms that include *E. coli*, *B. subtilis*, *S. cerevisiae*, *D. melanogaster*, *S. fimicola*, and *C. elegans*.

Term:

Offered Fall Term

• BIO-285 Microbiology

Prerequisites:

BIO-111 and BIO-L111; BIO-L285 concurrently;

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Spring Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

BIO 111/L111; BIO 285 concurrently;

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-302 Writing for Research**

Prerequisites:

BIO 111/L111 and WRI 101, WRI 102, or WRI-103. BIO and Radiation Therapy majors with junior standing only.

Credits:

4.00

Description:

Development of skills for writing clearly, concisely, and creatively in the style of scientific journals. This course emphasizes the formulation of a research project of the student's choice and leads to a formal manuscript on the topic. Instruction includes literature search methods and software for the graphical presentation of data. Professional development, including the preparation of job application materials and in-person interview skills, is also an integral part of this course. Required of all biology and radiation science majors. Junior standing required.

Term:

Offered Both Fall and Spring

- **BIO-304 Comparative Animal Physiology**

Prerequisites:

BIO-114 and BIO-L114. Must take BIO-L304 concurrently

Credits:

3.00

Description:

Mechanisms of physiological adaptations to environmental challenges are studied. Examples of gas exchange, osmoregulation, fluid transport, temperature regulation, nervous control, and movement are examined in various animal forms through class lecture and discussion, required readings, and external lectures. Spring semester.

Term:

Offered Spring Term

• BIO-L304 Comp Animal Physiology Lab**Prerequisites:**

BIO-114 and BIO-L114. Must take BIO-304 concurrently.

Credits:

1.00

Description:

Selected physiological processes and mechanisms or adaptation in invertebrate and vertebrate animals are examined by observation and controlled experiments.

• BIO-315 Animal Behavior**Prerequisites:**

BIO-114/L114

Credits:

4.00

Description:

Surveys animal behavior in a range of species (invertebrates, birds, fish, mammals including humans) to assess similarities and differences in the evolution of behaviors and their physiological mechanisms by which individual organisms and species adapt to their environments. Topics include: predator evasion; mating systems; parental care; social behavior; and learning.

Term:

Offered Spring Term

- **BIO-333 Ecology**

Prerequisites:

BIO-114/L114; BIO-L333 concurrently;

Credits:

3.00

Description:

Areas of study include but are not limited to basic principles of population biology, community ecology, trophic dynamics, ecosystem structure and function and evolutionary theory.

Term:

Offered Fall Term

- **BIO-L333 Ecology Lab**

Prerequisites:

BIO-114, BIO-L114, and BIO-333 concurrently

Credits:

1.00

Description:

Field and laboratory experiences in techniques and concepts relevant to ecological theory, data collection, statistical analysis, visual representation and report preparation.

Term:

Offered Fall Term

- **BIO-337 Evolution**

Prerequisites:

Take BIO-111 BIO-L111 BIO-114 BIO-L114. BIO 274 recommended.

Credits:

4.00

Description:

A survey of evolutionary theory, exploring processes such as the genetic sources of variation, natural and sexual selection, and evolutionary developmental biology. Using phylogenetic systematics and other tools, we will demonstrate how these mechanisms result in the visible patterns of evolution. This is a reading-and-writing intensive course centered on close reading of *Origin of the Species* and discussion of recent peer-reviewed literature about evolution.

Term:

Summer

• BIO-343 Biodiversity & Conservation Biology**Prerequisites:**

BIO-114 and BIO-L114

Credits:

4.00

Description:

This course covers a broad spectrum of aspects of biodiversity and conservation by examining key elements ranging from global patterns in the distribution of life on our planet to the effects our human population is causing on those patterns. Examples from marine and terrestrial animals and plants are used to convey current ideas with a focus on the importance of global biodiversity, and the design of management programs for the conservation of species and ecosystems. 4-credit

• BIO-345 The Biology of Vector Borne Diseases**Prerequisites:**

BIO-114/L114;

Credits:

4.00

Description:

A survey of the occurrence, life history and pathogenicity of the most important arthropod-borne, human diseases both internationally (malaria, dengue, plague, trypanosomiasis, yellow fever, etc.) and within the United States (Lyme disease, EEE, West Nile Virus, and others). Demographic and environmental factors leading to the re-emergence and spread of these diseases will be considered.

- **BIO-350 Vertebrate Biology**

Prerequisites:

BIO-111/L111; BIO-114/L114; BIO-L350 concurrently;

Credits:

3.00

Description:

This class will focus on the form and function of vertebrate animals from an evolutionary standpoint. The adaptations of major groups will be discussed in light of their phylogenetic history and ecology. A discussion of major adaptive radiations and abiotic factors that influenced these trends will also be highlighted.

Term:

Occasional

- **BIO-L350 Vertebrate Biology Lab**

Prerequisites:

BIO-111/L111; BIO-114/L114; BIO-350 concurrently;

Credits:

1.00

Description:

This lab will focus on the comparative anatomy of vertebrate animals. In-depth dissections will be the focus of the laboratory exercises. A Squalus shark, a Necturus salamander, a pigeon, and a mink will be examined in detail.

Term:

Occasional

- **BIO-357 Biology of Fishes**

Prerequisites:

BIO 114/L114, and Junior standing. Requires permission from Marine Sciences Coordinator.

Credits:

3.00

Description:

The evolution, systematics, anatomy, physiology and behavior of freshwater, marine and anadromous fishes from temperate to tropical environments. The interactions of fish in their environments, including predator-prey relationships, host-symbiont interactions, and fish as herbivores. Taken with permission from the Marine Science Consortium Coordinator. [This is a Marine Science Consortium Course and enrollment is limited] Evenings only: off campus

Term:

Offered Spring Term

- **BIO-359 Biology of Whales**

Prerequisites:

BIO-111, BIO-L111, BIO-114, BIO-L114, and 2 BIO courses at the 200 level or above. Requires permission from Marine Sciences Coordinator.

Credits:

3.00

Description:

This course provides a comprehensive review of the biology, ecology, and management of cetaceans. A thorough grounding in cetacean mammalogy and population biology will prepare students to understand conservation problems presented as case histories. Students will also complete an independent research paper on a topic related to cetacean biology. Hands-on activities may include the dissection of a small cetacean and a shore-based whale watch in Cape Cod Bay. This course is part of the Marine Studies Consortium and will be held at the New England Aquarium. Taken with permission from the Marine Science Consortium Coordinator. [This is a Marine Science Consortium Course and enrollment is limited]

- **BIO-360 Cancer Biology**

Prerequisites:

BIO-111, BIO-L111, BIO-114, BIO-L114, BIO-274, and BIO-L274

Credits:

4.00

Description:

An examination of molecular and cellular mechanisms that lead to the development of cancer. Factors contributing to tumorigenesis, angiogenesis, and metastasis will be discussed; these factors, oncogenes, tumor suppressor genes, and signal transduction networks. In addition, an investigation of current strategies for cancer prevention and treatment will be considered.

- **BIO-374 Genomics**

Prerequisites:

BIO 111/L111, CHEM 111/L111, BIO 274/L274 Must take BIO L374 concurrently

Credits:

3.00

Description:

What can we learn from genomics? In this course, you will develop an understanding of how cutting edge techniques from biotechnology are changing our views of biology. You will learn how genetic sequencing can be used for everything from tracing evolutionary histories in the tree of life to shedding light on biodiversity patterns of populations. With a focus on human genetics, you will also explore how genes are discovered and linked to phenotypic traits. Finally, you will consider methods of monitoring gene expression and how the resulting genetic networks can help medicine and drug development.

- **BIO-L374 Genomics Laboratory**

Prerequisites:

BIO 111/L111, CHEM 111/L111, BIO 274/L274 Must take BIO 374 concurrently

Credits:

1.00

Description:

In this course, you will develop an understanding of current genomic methods through collection and examination of your own data. In the first part of the lab, you will use sequencing techniques to compare genetic relationships and characterize the microbial biodiversity of a population. In the second part of the lab, you will focus on gene expression and functional genomics. You will determine the actions of a transcription factor through RNA-seq and also determine how a collection of uncharacterized transcription factors affect antibiotic sensitivity. In addition to reading primary literature and keeping a lab notebook, you will also learn how to analyze and present your genomics data.

- **BIO-377 Immunology**

Prerequisites:

BIO-114/L114; CHEM-211/L211; BIO-L377 concurrently;

Credits:

3.00

Description:

The concept of immunity, response to infection, structure of the immune system, biochemistry of immunoglobins, antigen-antibody interactions, allergy, immunological injury, lymphocyte subpopulations and cellular immunity, tolerance suppression and enhancement. Taught alternate/even years.

Term:

Offered Spring Term

• BIO-L377 Immunology Laboratory

Prerequisites:

BIO-114 and BIO-L114 and CHEM-211 and CHEM-L211. Must take BIO-377 concurrently.

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immuno-chemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

• BIO-385 Advanced Microbiology

Prerequisites:

BIO-274 and BIO-L274 or BIO-285 and BIO-L285; BIO-L385 must be taken concurrently

Credits:

4.00

Description:

The molecular mechanisms of host-microbe interactions and the epidemiology and public health aspects of microorganisms are stressed. Also covered are current topics in microbiology including

antimicrobial therapy and resistance, emerging pathogens and novel applications of microbiology. Experimental design and troubleshooting skills are developed, using contemporary microbiology and molecular biology laboratory techniques. Taught alternate/odd years.

Term:

Offered Fall Term

• BIO-L385 Advanced Microbiology Lab

Prerequisites:

BIO 285/L285; BIO 385 must be taken concurrently

Credits:

1.00

Description:

Isolation, quantization and cultivation of microorganisms, advanced general and applied microbiology and molecular biology. Experience in media, chemical and culture preparations.

Term:

Offered Spring Term

• BIO-403 Cell Biology

Prerequisites:

BIO 111/L111; CHEM-211/L211; BIO-L403 concurrently;

Credits:

3.00

Description:

The study of cells, approached through examinations of biochemical mechanisms, the relation between the structure and function of biological molecules and organelles, and the regulation of normal and diseased cells.

Term:

Offered Fall Term

• BIO-L403 Cell Biology Lab

Prerequisites:

BIO-111 and BIO-L11 and CHEM-211 and CHEM-L211. Must take BIO-403 concurrently.

Credits:

1.00

Description:

Examination of biological molecules and their role in cell function. Techniques used in these examinations will include enzymatic analyses, gel electrophoresis, immunologic identification, chromatography, and spectroscopy. Students are expected to develop their proficiency in the laboratory techniques used, to analyze their results in a quantitative manner, and to present their findings.

Term:

Offered Fall Term

- **BIO-474 Molecular Genetics**

Prerequisites:

CHEM-311 or BIO-274 and BIO-L274 and BIO-L474 concurrently

Credits:

3.00

Description:

An examination of concepts and techniques of modern molecular biology. Topics include the structure and function of DNA, RNA, and proteins, the regulation of gene expression in prokaryotes and eukaryotes at transcriptional and post-transcriptional levels, genetic modification of organisms, and genome analysis. This course will incorporate readings and discussions of primary scientific literature. Spring semester.

Term:

Occasional

- **BIO-L474 Molecular Genetics Lab**

Prerequisites:

Take CHEM-331 or BIO-274 and BIO-L274. BIO-474 must be taken concurrently.

Credits:

1.00

Description:

This upper level laboratory course will consist of a semester-long project in the form of a series of consecutive experiments involving the generation of a genetically modified organism and its subsequent molecular analysis. Techniques employed will include genetic screens, DNA isolation, restriction endonuclease analysis, transformation of bacteria, gel electrophoresis, gene reported assays, RNA isolation, reverse transcription, and quantitative PCR.

Term:

Occasional

- **BIO-475 Developmental Biology**

Prerequisites:

BIO-114, L114 and CHEM-211, L211

Credits:

3.00

Description:

This course focuses on embryonic development in vertebrates. The conceptual focus on evolutionary developmental biology includes comparative developmental mechanisms and Epigenetic processes.

Term:

Offered Fall Term

- **BIO-500 Experiential Learning in Biology**

Credits:

0.00

Description:

This course requires students to complete a minimum of 15 engagement hours per semester. Students gain exposure to a variety of activities related to biology course preparation and/or research in a laboratory or field setting with faculty oversight. Permission of instructor required. May be taken more than once.

- **BIO-503 Biology Internship**

Prerequisites:

BIO111/BIOL111, BIO114/BIOL114. BIO274/BIOL274 may be taken as a corequisite

Credits:

4.00

Description:

Biology Internship: This course provides students with credit for an unpaid internship completed during the semester when credit is earned. Students must secure an approved internship and provide documentation from the internship's overseer to a full time faculty member sponsor in order to register for the course. The internship must involve participation in research and / or patient care. Students or their overseers will be required to submit monthly records of internship hours and provide the faculty sponsor with a written summary of internship experiences and accomplishments by the last week of classes. Only one internship may be used as a biology elective. This course is available for variable credit. Prerequisites: An Internship for Credit form must be submitted to the department chair Credits: 1-4

- **BIO-H503 Biology Internship**

Prerequisites:

BIO111/BIOL111, BIO114/BIOL114. BIO274/BIOL274 may be taken as a corequisite

Credits:

4.00

Description:

Biology Internship: This course provides students with credit for an unpaid internship completed during the semester when credit is earned. Students must secure an approved internship and provide documentation from the internship's overseer to a full time faculty member sponsor in order to register for the course. The internship must involve participation in research and / or patient care. Students or their overseers will be required to submit monthly records of internship hours and provide the faculty sponsor with a written summary of internship experiences and accomplishments by the last week of classes. Only one internship may be used as a biology elective. This course is available for variable credit. Prerequisites: An Internship for Credit form must be submitted to the department chair Credits: 1-4

Type:

Honors

- **BIO-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 5.00

Description:

Student projects may be initiated by a student or faculty member with the approval of the Chairperson. A paper and oral report are required. Only ONE independent study may be used toward biology electives.

Term:

Offered Both Fall and Spring

- **BIO-H511 Biology Honors Independent Study**

Credits:

1.00- 4.00

Description:

Student projects may be initiated by a student or faculty member with the approval of the Chairperson. A paper and oral report are required. Thesis work is required to involve original research or an in-depth analysis.

- **BLC-AIM Academic Improvement**

Credits:

0.00

Description:

Suffolk University is introducing the Academic Improvement Program (AIM), a new initiative to assist students who have experienced academic difficulty. Because your cumulative grade point average has fallen below the University's standard of 2.0 and as a condition of your probation status at the University, you will be required to participate in AIM. AIM provides support, strategies, and resources to help students take control of their academic life and succeed. AIM participants meet individually and in a small group format with trained instructors to target common areas in which students have difficulty. In addition, the instructors work with students to identify what areas they need to improve and to develop an individualized plan for success.

- **BLKST-100 Introduction to Black Studies I: Survey of the Discipline**

Credits:

4.00

Description:

Introduces students to the basic concepts, literature and interdisciplinary nature of Black Studies. Provides a conceptual framework for the investigation and analysis of black history and culture as well.

Term:

Occasional

- **BLKST-101 Introduction to Black Studies II Research and Writing**

Credits:

4.00

Description:

Introduces students to basic research techniques and methods in Black Studies including library use, identifying resources, project development, documenting sources, and writing research papers.

Term:

Occasional

- **BLKST-225 West African History Through Film and Literature**

Credits:

4.00

Description:

Examines the history and culture of West Africa through its portrayal in literature and film. The specific countries that will be focused on are Senegal, Mali, Burkina Faso, Ghana and Nigeria. This class will also recognize the fact that borders are a modern, man-made element of the West African landscape serving to both separate people who have historically and traditionally seen themselves as connected, and to bring together people into a nation who have historically and traditionally seen themselves as distinct from one another.

- **BLKST-226 The African American Experience in Literature and Film**

Credits:

4.00

Description:

Using literature and film to present aspects of the African American experience in the United States. By using film and literature it is possible to present the broad range of cultural styles, regional variations, class differences, gender issues, family structures and multiple viewpoints that make up the African American experience. Through lectures and in-class presentations a historical context will be provided for each of the films or texts that are used during the semester.

- **BLKST-250 Haiti, Guadalupe and Martinique**

Credits:

4.00

Description:

This course explores the rich intellectual tradition of Haiti, Guadeloupe, and Martinique by considering historical moments linked to colonialism, the abolition of slavery, the representation of gender, departmentalization, and decolonization through essays, films, poems, novels, and short stories by critics and writers from the 19th-21st centuries.

- **BLKST-469 Research Seminar: African American Life in Slavery and Freedom- Reconstruction and the Freedman's Bureau**

Credits:

4.00

Description:

Introduces students to the Reconstruction era in American history, and uses Reconstruction as a bridge to look at enslavement, which preceded the era, and the issue of freedom during, and after the era. In the first half of the class students read from texts that will provide them with an understanding of slavery, emancipation and reconstruction. The second half of the class will utilize on-line collections of the Freedman's Bureau Papers to allow students to use documents to deepen their understanding of the Reconstruction era. The class will also provide a comparative approach by considering questions of citizenship in the 19th century for people of African descent in the United States, Latin America and the Caribbean. This course is identical to HST 469.

Term:

Occasional

- **BLKST-510 Independent Study in Black Studies**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Independent study in Black Studies

• CAS-101 Strategies of Success**Prerequisites:**

CAS students only. SBS students by special permission.

Credits:

1.00

Description:

CAS 101 is a one-credit course that meets once a week and is designed to help you have a successful transition to Suffolk University and our unique urban community. It is also designed to introduce you to the principles and concepts of Oral Communication and Presentation Skills. Through interactive exercises and engaging assignments, you will explore the campus environment and learn about strategies for success as a student. You will present speeches about your research and activities to improve your abilities as a speaker.

• CAS-102 Stand Out! Strategies for Success 11**Prerequisites:**

CAS-101 and Instructor consent

Credits:

1.00

Description:

Students will continue to learn about career options and interests through additional research and exploration. They will learn about the different types of interviews (screening/telephone, informational, personal, panel, etc.). They will learn how to prepare for and participate in a one-on-one interview. They will continue to refine and develop their oral and written communication through class presentations and research projects. They will prepare a resume and cover letter.

• CAS-201 College to Career: Explore Your Options And Find Your Path

Prerequisites:

CAS students only. SBS students by special permission. Restricted to the following majors: Art History, Asian Studies, Biology, Economics, English, French, History, Humanities, International Economics, Music History, Philosophy, Physics, Radiation Science, Spanish, and Undeclared. Instructor consent required for all other majors.

Credits:

1.00

Description:

This course engages students in the early stages of career planning. Students will explore their interests, skills, values, and strengths, which will allow them to begin setting appropriate goals for professional development. Once students understand themselves in relation to the world of work, they will learn how to research careers and employment paths that fit with their goals.

- **CAS-202 Professional Development on Social Media**

Credits:

1.00

Description:

Students will learn how to use social media for career networking and job search. In this hands-on course, students will develop personal content for professional platforms and network through job search engines.

- **CAS-H211 Honors Experientia Engagement I**

Prerequisites:

CAS honors students only

Credits:

0.00

Description:

To engage with the world beyond the Suffolk campus, students take on service or experiential roles in a local, regional, or global setting. Students archive and reflect upon their experience. Completion of this course is equivalent to one Honors Option Point.

Type:

Honors

- **CAS-H212 Honors Experiential Engagement II**

Prerequisites:

CAS honors students only

Credits:

0.00

Description:

To engage with the world beyond the Suffolk campus, students take on service or experiential roles in a local, regional, or global setting. Students archive and reflect upon their experience. Completion of this course is equivalent to two Honors Option Point.

Type:

Honors

- **CAS-H221 Honors Research / Creativity I**

Prerequisites:

CAS honors students only

Credits:

0.00

Description:

Students complete or contribute to a research or creative project. Projects may involve independent work or collaboration with peers or faculty advisors. Students archive and reflect upon their experience and share results with the Suffolk community. Completion of this course is equivalent to one Honors Option Point.

Type:

Honors

- **CAS-H222 Honors Research / Creativity II**

Prerequisites:

CAS honors students only

Credits:

0.00

Description:

Students complete or contribute to a research or creative project. Projects may involve independent work or collaboration with peers or faculty advisors. Students archive and reflect upon their experience and share results with the Suffolk community. Completion of this course is equivalent to two Honors Option Point.

Type:

Honors

• **CAS-H231 Honors Community Contribution I**

Prerequisites:

CAS honors students only

Credits:

0.00

Description:

Students contribute to the university by mentoring, leading, or serving the Suffolk community. Contributions may include teaching or tutoring, administering student organizations, or promoting arts and culture. Students will archive and reflect on their experience. Completion of this course is equivalent to one Honors Option Point.

Type:

Honors

• **CAS-H232 Honors Community Contribution II**

Prerequisites:

CAS honors students only

Credits:

0.00

Description:

Students contribute to the university by mentoring, leading, or serving the Suffolk community. Contributions may include teaching or tutoring, administering student organizations, or promoting arts

and culture. Students will archive and reflect on their experience. Completion of this course is equivalent to two Honors Option Point.

Type:

Honors

- **CAS-251 What Makes Us Human?**

Credits:

1.00

Description:

Where does human nature come from? We will talk about our nature by comparing ourselves with our living and extinct ancestors to understand how our bodies are built and why we behave the way we do. We'll talk about skin, faces, and guts, competing sexual motivations of women and men, why humans are social, why some things are disgusting, and even why people are musical.

- **CAS-261 Watercolour**

Credits:

1.00

Description:

This is a class designed for students who want to learn the art of Watercolor Painting. Basic artistic concepts pertaining to the medium will be covered. A fundamental, hands-on working knowledge of the medium and equipment will be addressed. Emphasis will be on-hands on problem-solving, skill building, and helping students develop a personal style. Specific techniques will be addressed to help students make decisions and work through and complete paintings. Projects will include painting from the still life, the environment and images. Paint, watercolor paper, water and a brush - that's all you need to start painting with watercolor. The materials list will be supplied by the instructor and materials may be purchased at a discount price from a preferred art store.

- **CAS-H292 Honors Contract**

Prerequisites:

CAS honors students only

Credits:

0.00

Description:

Students partner with a faculty mentor to make any course into an honors-level course. Education is enriched by enhanced or additional projects, activities, or assignments agreed upon by professor and student. Students will present their contract work to the Suffolk community.

Type:

Honors

- **CAS-401 Resume & Cover Letter Writing**

Prerequisites:

Junior standing or higher

Credits:

1.00

Description:

A hands-on experience for seniors (and particularly keen juniors) to learn how to write a resume and cover letter for the job market. Students will begin by summarizing their college experiences; writing five-year career goals; fine-tuning resumes for different kinds of jobs; researching three types of organization (structure, work culture) and career paths; understanding job advertisements; and writing three sample cover letters. Students will also use OptimalResume which will be provided by the Career Development Center.

- **CHEM-101 Chemical Concepts Contemporary Issues I**

Credits:

3.00

Description:

No longer offered. Principles of chemistry with illustrations from everyday life. Basic chemical concepts are used to decode consumer product labels and form a basis for understanding contemporary issues. Specifically designed to satisfy the Science requirement when taken with CHEM 102, L101, L102. May not be used by science majors for science credit. Concurrent enrollment in CHEM L101 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall/Summer I.

- **CHEM-L101 Chemical Concepts Contemporary Issues Lab I**

Prerequisites:

Must be taken concurrently with CHEM 101

Credits:

1.00

Description:

No longer offered. Principles of chemistry and its applications demonstrated through experimentation. Experiments may include field testing and analysis of ocean and river water, testing of household products and sunscreens, determination of calorie content of foods, and molecular modeling with computers. May not be used by science majors for science credit. 2-hour laboratory. Normally offered Fall/Summer I.

• CHEM-102 Chemical Concepts Contemporary Issues II**Prerequisites:**

It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level. Must be taken concurrently with CHEM L102

Credits:

3.00

Description:

No longer offered. A continuation of CHEM 101, including topics in organic chemistry, biochemistry, polymer chemistry, ecology, air and water pollution, food and food additives, pharmaceuticals, and forensic science. Basic Chemical concepts are used to decode consumer product labels and form a basis for understanding contemporary issues. Specifically designed to satisfy the science requirement. May not be used by science majors for science credit. Prerequisite: CHEM 101, CHEM 111 or pre-college chemistry. 3 hours lecture. Normally offered Spring/Summer II.

• CHEM-L102 Chemical Concepts Contemporary Issues Lab II**Prerequisites:**

It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level. Must be taken concurrently with CHEM 102

Credits:

1.00

Description:

No longer offered. A continuation of CHEM L101. Experiments may include making plastics and drug products, analyzing food products, making a model of DNA, crime lab analysis procedures, making aspirin, and the study of flavors and fragrances using molecular models. Concurrent enrollment in

CHEM 102 required. May not be used by science majors for science credit. Prerequisites: CHEM 101 and CHEM L101. 2-hour Laboratory. 1 term - 1 credit. Normally offered Spring/Summer II.

• CHEM-103 Chemical Concepts Contemporary Issues IIA

Prerequisites:

It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level.

Credits:

4.00

Description:

No longer offered. Topics include organic chemistry, biochemistry, polymer chemistry, ecology, air and water pollution, food and food additives, pharmaceuticals, and forensic science, with an emphasis on their application to current issues. Specifically designed to satisfy the non-laboratory science requirement for the B.A. degree. Science related information searches and writing assignments will be based on current topics from the semester's work. 3 hours lecture. It is strongly recommended that students enrolling in this course have some acquaintance of basic chemical principles either on the college or the pre-college level.

• CHEM-105 Chemical New Product Development

Prerequisites:

ENT 101

Credits:

4.00

Description:

This course addresses the crucial intersection between chemistry and business, and the impact of these fields on society. It provides an introduction to important chemistry concepts and practices of business management. Primary focus is on understanding the chemistry principles behind some of the consumer products in our everyday lives, and using this knowledge to create and evaluate ideas for new products. The course also introduces the business aspects involved in the development and marketing of new products. An important component of the course is in making effective presentations; this component concludes the course, culminating in team presentations of a new chemical product to panel of executives and peers. This course satisfies the Sawyer Business School Science requirement.

Type:

SCI TECH ENGR

- **CHEM-106 Biotechnology & Its Applications in Medicine, Agriculture, Law**

Credits:

4.00

Description:

Introduces the latest discoveries and applications of biotechnology. Topics include genetically modified food, stem cells, genetic testing, cloning, and forensics. A combination of lectures, discussions, short documentaries, mock congressional hearings, and hands-on activities will provide insight into the numerous medical, social, legal, and ethical issues surrounding this technology.

Type:

SCI TECH ENGNR

- **CHEM-H106 Biotechnology & Its Applications in Medicine, Agriculture, Law**

Credits:

4.00

Description:

Introduces the latest discoveries and applications of biotechnology. Topics include genetically modified food, stem cells, genetic testing, cloning, and forensics. A combination of lectures, discussions, short documentaries, mock congressional hearings, and hands-on activities will provide insight into the numerous medical, social, legal, and ethical issues surrounding this technology.

Type:

SCI TECH ENGNR, Honors

- **CHEM-111 General Chemistry I**

Prerequisites:

Placement at MATH 104 or better. Students who do not place at MATH 104 must take MATH 104 concurrently. Must be taken concurrently with CHEM-L111.

Credits:

3.00

Description:

Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **CHEM-L111 General Chemistry Laboratory I**

Prerequisites:

MATH-104 MATH-108 MATH-121 MATH-128 MATH-130 MATH-134 MATH-164 MATH-165 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3. Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Introduces the basic principles of chemistry through discovery laboratory experiments. Learn safe laboratory practices and basic techniques such as determining mass and volume, representing data in the form of tables and graphs, and synthesizing and isolating a metal complex. Participate in workshop activities that include understanding modern approaches to the scientific method, reading and understanding the scientific literature, and building molecular models. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **CHEM-112 General Chemistry II**

Prerequisites:

CHEM 111/L111; CHEM-L112 must be taken concurrently. MATH 104 placement or higher.

Credits:

3.00

Description:

This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Term:

Offered Both Fall and Spring

- **CHEM-L112 General Chemistry Laboratory II**

Prerequisites:

MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 MATHT-MPEL3 MATH-104 MATH-130 MATH-134 MATH-164 or MATH-165. CHEM 112 must be taken concurrently;

Credits:

1.00

Description:

This course is a continuation of General Chemistry I Laboratory. Apply the basic principles of chemistry through discovery laboratory experiments with an emphasis on quantitative analysis. Execute basic analytical techniques such as the application of Beer's Law and acid-base titrations. This laboratory is designed around the foundational laboratory skills practiced by science students in a wide variety of majors.

Term:

Offered Both Fall and Spring

- **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112 and CHEM-L112. CHEM-L211 must be taken concurrently.

Credits:

3.00

Description:

Introduces basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Includes functional groups, acid/base chemistry, nomenclature, resonance,

spectroscopy, and stereochemistry.

Term:

Offered Both Fall and Spring

- **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

CHEM-112 and CHEM-L112. Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Introduces synthetic organic chemistry techniques. Includes melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Both Fall and Spring

- **CHEM-212 Organic Chemistry II**

Prerequisites:

CHEM 211 and CHEM L211. Must take CHEM-L212 concurrently.

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I. Includes detailed mechanistic discussions of substitution, elimination, and addition reactions. Emphasizes organic synthesis, structure determination, and spectroscopy.

Term:

Offered Both Fall and Spring

- **CHEM-L212 Organic Chemistry Laboratory II**

Prerequisites:

CHEM-211 and CHEM-L211. Must be take CHEM-212 concurrently.

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Emphasizes the characterization of organic molecules via nuclear magnetic resonance spectroscopy. Discusses experimental design within the context of green organic chemistry.

Term:

Offered Both Fall and Spring

- **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Explores the basic techniques of collecting and analyzing data from different types of instrumentation, including: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Students will apply these techniques to problems in chemistry, forensics, and environmental science.

Term:

Offered Fall Term

- **CHEM-L314 Instrumental Analysis Laboratory**

Prerequisites:

CHEM L211; CHEM 314 must be taken concurrently

Credits:

1.00

Description:

Laboratory experiments in chemical analysis using instrumental techniques, including spectroscopy and chromatography. Data collection and evaluation includes computer-based methods. Reports are prepared in professional style.

Term:

Offered Fall Term

• CHEM-331 Biochemistry I

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L331 must be taken concurrently.

Credits:

3.00

Description:

Explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme catalysis, kinetics, and inhibition as well as protein regulation and membrane structure. Introduces the use of biochemical literature and bioinformatics techniques.

Term:

Offered Fall Term

• CHEM-L331 Biochemical Techniques Lab

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM 331 must be taken concurrently

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Includes buffer preparation, PCR, purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays.

Term:

Offered Fall Term

- **CHEM-332 Biochemistry II**

Prerequisites:

CHEM 331 and CHEM-L332 concurrently

Credits:

3.00

Description:

Explores the principles of bioenergetics and metabolism of biomolecules. Includes intermediary metabolism of carbohydrates, lipids, amino acids, and oxidative phosphorylation. Additional topics include signal transduction and the regulation and integration of metabolism.

Term:

Offered Spring Term

- **CHEM-L332 Advanced Biochemical Techniques and Research Lab**

Prerequisites:

CHEM 331/L331. CHEM 332 must be taken concurrently.

Credits:

1.00

Description:

Advanced biochemistry laboratory course where students learn experimental design and critical analysis of the scientific literature while conducting novel research. Projects vary from year to year, but may include recombinant DNA techniques, purification and quantitation of DNA and proteins, protein detection, enzyme kinetics, and bioinformatics. Research is presented as a poster at the annual STEM banquet.

Term:

Offered Spring Term

- **CHEM-355 Environmental Chemistry**

Prerequisites:

CHEM 211, or permission of instructor

Credits:

3.00

Description:

A study of the chemical processes (including biologically mediated ones) that affect the cycling and ultimate fate of chemicals in the environment. Topics include air, water, and soil chemistry as well as energy and climate change. The effects of pollutant loads on natural systems and the remediation and treatment methods used to minimize pollutant loads are investigated. 3 hour lecture. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

• CHEM-L355 Environmental Chemistry Lab**Prerequisites:**

CHEM 355 must be taken concurrently. Take CHEM-L211;

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 355. Prerequisites: CHEM L211, concurrent enrollment in CHEM 355 required. 4-hour laboratory. Normally offered spring, odd numbered years.

Term:

Alternates Fall & Spring

• CHEM-375 Advanced Inorganic Chemistry**Prerequisites:**

CHEM 314/L314

Credits:

3.00

Description:

Topics in inorganic chemistry including bonding theories, chemical structures, symmetry and group theory, kinetics and mechanisms of reactions, and spectroscopy. Advanced topics may include bioinorganic chemistry, or organometallics.

Term:

Offered Every Other Year

• CHEM-L375 Advanced Inorganic Laboratory**Prerequisites:**

CHEM 375 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises designed to illustrate principles covered by topics in CHEM 375. Prior or concurrent enrollment in CHEM 375 required.

Term:

Offered Every Other Year

• CHEM-390 Advanced Organic Chemistry**Prerequisites:**

Prerequisite: CHEM 212.

Credits:

3.00

Description:

Expands on topics introduced in Organic Chemistry I and II; depending on student interest, may include in-depth discussions of carbonyl chemistry, industrial organic chemistry, organometallic chemistry and biomolecules.

Term:

Alternates Fall & Spring

• CHEM-411 Physical Chemistry I**Prerequisites:**

CHEM 112; MATH 166;

Credits:

3.00

Description:

Explores quantum chemistry through simple model systems such as particle in a box, harmonic oscillator, rigid rotor, and hydrogen atom. Applications to electronic, vibrational, and rotational spectroscopy and elements of atomic and molecular structure.

Term:

Offered Fall Term

• CHEM-L411 Physical Chemistry Laboratory I**Prerequisites:**

CHEM 411 must be taken concurrently

Credits:

1.00

Description:

Experiments in molecular spectroscopy, quantum chemistry, nanomaterials, and introduction to computational chemistry. Emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as demonstrated through reports prepared in the professional style.

Term:

Offered Fall Term

• CHEM-412 Physical Chemistry II**Prerequisites:**

CHEM 411

Credits:

3.00

Description:

Explores the laws of thermodynamics and their molecular basis through the kinetic theory of gases and statistical mechanics. Includes chemical kinetics and theories of reaction rates.

Term:

Offered Spring Term

• CHEM-L412 Physical Chemistry Laboratory II

Prerequisites:

CHEM L411; CHEM 412 must be taken concurrently.

Credits:

1.00

Description:

Experiments in thermodynamics, materials, chemical kinetics, and computational chemistry. Emphasis will be placed on experimental design and data analysis skills in addition to technical writing skills as demonstrated by laboratory reports prepared in the professional style.

Term:

Offered Spring Term

• CHEM-428 Research & Seminar I

Prerequisites:

CHEM 212; CHEM L212; Instructor's Consent required

Credits:

1.00- 4.00

Description:

First of a senior level, two-semester sequence of independent study under the supervision of faculty. Students may opt to conduct experimental research, proposal development, or literature review. Students desiring departmental honors and/or an ACS-accredited degree must conduct authentic research; consult with the course instructor. Development of a research report and poster presentation to the department are required elements. Depending on the project undertaken, students may obtain ECR credit.

Term:

Offered Fall Term

• CHEM-429 Research & Seminar II

Prerequisites:

CHEM 212 and CHEM L212 and instructor's consent required

Credits:

1.00- 4.00

Description:

Second of a senior level, two-semester sequence of independent study under the supervision of faculty. Students may opt to conduct experimental research, proposal development, or literature review. Students desiring departmental honors and/or an ACS-accredited degree must conduct authentic research; consult with the course instructor. Development of a final research report and oral presentation to the department and the SU community are required elements. Depending on the project undertaken, students may obtain ECR credit.

Term:

Offered Spring Term

• **CHEM-L432 Advanced Biochemistry Research Laboratory**

Prerequisites:

CHEM-331; CHEM-L331

Credits:

3.00

Description:

No longer offered. Laboratory course where students apply the use of biochemical techniques acquired in Biochemical Techniques I (CHEM L331) to conduct novel research. Projects vary from year to year, but may include recombinant DNA techniques, purification and characterization of DNA and proteins, and bioinformatics. Emphasis on experimental design, data interpretation, analysis of the scientific literature, and writing. Includes field trip to local research university or biotechnology/pharmaceutical laboratory.

Term:

Alternates Fall & Spring

• **CHEM-453 Introduction to Toxicology**

Prerequisites:

CHEM-331 or instructor's consent

Credits:

3.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and target organ toxicity. Topics may include pesticides, neurotoxicants, toxicity of metals, and carcinogenesis/ mutagenesis. Examples will be drawn from forensic toxicology, as well as environmental and occupational toxicology.

Term:

Offered Every Other Year

- **CHEM-500 Experiential Learning in Chemistry**

Credits:

0.00

Description:

This course requires students to complete a minimum of 15 engagement hours per semester. Students gain exposure to a variety of activities related to research in a laboratory or field setting with faculty oversight. Permission of instructor required. May be taken more than once.

- **CHEM-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Advanced study of a special topic in chemistry, by arrangement with the chemistry faculty.

- **CHIN-101 Elementary Chinese I**

Credits:

4.00

Description:

Introduces Modern Standard Chinese (Mandarin) with an emphasis on developing conversational skills by using authentic materials such as video, audio, and various print media that teach fundamental grammatical patterns and vocabulary in functional contexts. Basic reading and writing (in Simplified Characters) are also taught.

Term:

Offered Fall Term

• CHIN-102 Elementary Chinese II

Prerequisites:

CHIN 101 or Instructor's consent.

Credits:

4.00

Description:

Continues to develop proficiency in reading, writing, and speaking Modern Standard Chinese (Mandarin). Helps to develop listening comprehension skills with the use of authentic materials, such as print media, audio, and video materials. Advanced beginning level of reading and writing of Simplified Chinese characters is taught.

Term:

Offered Spring Term

Type:

Modern Language

• CHIN-202 Intermediate Chinese II

Prerequisites:

CHIN 201 or Instructor's consent.

Credits:

4.00

Description:

Continuation of skills developed in CHIN 201.

Term:

Offered Spring Term

- **CHIN-211 Survey of Chinese Literature and Culture I**

Credits:

3.00

Description:

This is an introductory and interdisciplinary course on Chinese civilization and traditional Chinese literature. It will provide the student with a brief introduction to the cultural legacy and literature of China from the archaeological origins of Chinese civilization to the present time. The diverse origins of China's civilization are stressed as topics in political, social, and economic history are explored, with a focus on developments in language, literature, and art. This course is a good introduction to further study of Chinese history and culture and, in particular, provides a valuable context for themes treated in Modern China.

- **CHIN-510 Independent Study**

Credits:

4.00

Description:

Various topics can be covered based on student interest. Topics have included study and discussion of Taiwanese and Hong Kong film, and also an in-depth study of Chinese literature from the pre-modern to the modern period. Topics are to be arranged with faculty member.

Term:

Occasional

Type:

Asian Studies

- **CI-000 CI Place Holder**

Credits:

0.00

Description:

Place holder for rooming purposes.

• CI-101 Process and Epiphany

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Despite its mystical connotations, creative epiphany is the result of a long engagement with the creative process that results in a surprising and unpredictable understanding of a concept or the solution to a problem. In the way that the discoveries of science are guided by the scientific method, the path to creative innovation is through a directed creative process. All creative innovators follow such a directed creative process, whether they are industrial designers or fine artists, performers or inventors, architects or entrepreneurs. This course explores both historical examples of individuals whose creative innovation changed the world, as well as hands-on collaborative, practical problem solving employing the creative process.

Type:

Creativity and Innovation

• CI-H101 Honors- Process and Epiphany

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Despite its mystical connotations, creative epiphany is the result of a long engagement with the creative process that results in a surprising and unpredictable understanding of a concept or the solution to a problem. In the way that the discoveries of science are guided by the scientific method, the path to creative innovation is through a directed creative process. All creative innovators follow such a directed creative process, whether they are industrial designers or fine artists, performers or inventors, architects or entrepreneurs. This course explores both historical examples of individuals whose creative innovation changed the world, as well as hands-on collaborative, practical problem solving employing the creative process.

Type:

Creativity and Innovation, Honors

- **CI-102 The End of Global Poverty**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. More than one-third of our global population lives in poverty, earning less than two dollars a day. Governments, businesses, social enterprises, and charitable organizations have tried to solve the global poverty issue with mixed results. What is the solution? Is entrepreneurship the solution, part of the solution, or has no impact whatsoever? In this course, you will gain an understanding of the power of entrepreneurship (in the context of creativity and innovation), the definition and depth of global poverty (in the context of constraints, such as human, financial and physical resources embedded in local, regional, national and global cultures), and successes and failures of past initiatives to reduce poverty. This is not a course about politics or business, but rather finding a solution to a problem that has eluded mankind since the beginning of time.

Type:

Creativity and Innovation

- **CI-H102 The End of Global Poverty**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to

synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. More than one-third of our global population lives in poverty, earning less than two dollars a day. Governments, businesses, social enterprises, and charitable organizations have tried to solve the global poverty issue with mixed results. What is the solution? Is entrepreneurship the solution, part of the solution, or has no impact whatsoever? In this course, you will gain an understanding of the power of entrepreneurship (in the context of creativity and innovation), the definition and depth of global poverty (in the context of constraints, such as human, financial and physical resources embedded in local, regional, national and global cultures), and successes and failures of past initiatives to reduce poverty. This is not a course about politics or business, but rather finding a solution to a problem that has eluded mankind since the beginning of time.

Type:

Creativity and Innovation,Honors

• CI-103 Making Inventions: Sticking Your Neck Out

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course examines cutting edge technologies, the science behind them, and their practical application and follow-up success or failure. It also provides the students a chance to consider the relevance of identified needed inventions from the 1950s, and whether those projections were correct. The history behind some remarkable inventions will be presented. Finally, working in small teams, students will brainstorm to identify something useful to invent and determine several approaches to implementing it.

Type:

Creativity and Innovation

• CI-104 Historic Mentors: Biographies of the Creative and Innovative

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course introduces students to creative and innovative practices as a disciplined approach to problem-solving. Students are presented with diverse individuals and environments, thoughts and actions, challenges and opportunities, approaches and alternatives, successes and failures, and ethical behavior--all within the context of historical biographies of inventors, entrepreneurs, artists, musicians, writers, politicians, leaders- nationally and globally. Mentoring is becoming a lost art form. However, it is crucial for passing down the best of our civilization. This course offers a vicarious mentoring that enables students to critically learn from and assess the experience of others in a vast array of contexts. Thus, students are presented with a cross-section of role models for creative, innovative and ethical success.

Type:

Creativity and Innovation

• CI-106 Failing Successfully**Prerequisites:**

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. Did you know Netscape was the internet browser? What about MySpace, arguably the Facebook of the last decade? What led Apple from being innovative pioneers of the 70's to the verge of extinction in the 80's to the technological giant they are today? Technologies come and go, but what leads to organizations lasting more than 100 years such as IBM, General Electric, etc.? What role does failure play in successful innovation, decision-making, and business viability? In this course, you will learn about innovation that may have been successful and well-executed. You will also learn about innovation that was a viable business opportunity, but poorly executed: one phase of failure. In addition, you will learn about innovation that had no real market viability, but was launched anyway: another phase of failure. Can failure lead to success? If so, how?

Type:

Creativity and Innovation

• CI-H106 Failing Successfully

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is designed to demystify the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking. Did you know Netscape was the internet browser? What about MySpace, arguably the Facebook of the last decade? What led Apple from being innovative pioneers of the 70's to the verge of extinction in the 80's to the technological giant they are today? Technologies come and go, but what leads to organizations lasting more than 100 years such as IBM, General Electric, etc.? What role does failure play in successful innovation, decision-making, and business viability? In this course, you will learn about innovation that may have been successful and well-executed. You will also learn about innovation that was a viable business opportunity, but poorly executed: one phase of failure. In addition, you will learn about innovation that had no real market viability, but was launched anyway: another phase of failure. Can failure lead to success? If so, how?

Type:

Creativity and Innovation,Honors

- **CI-107 Going Up: Skyscraper Design in Emerging Economies**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The human population is expected to be between 8.5 and 9 billion persons by the mid-21st century. The majority of those individuals will be living in urban communities. With large populations, high real estate costs, and limited land areas, the only way to construct in urban environments is to go up! In this course, students will have an opportunity to look at traditional and novel skyscraper designs, to consider the cultural and economic significance of such structures, and to use their imagination to develop a conceptual design of a skyscraper.

Type:

Creativity and Innovation

- **CI-108 Designing the Next Best Thing**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Demystifies the creative process by introducing students to creative practice as a disciplined approach to problem-solving and innovation. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original way, embrace ambiguity and support divergent thinking and risk taking.

Term:

Offered Both Fall and Spring

Type:

Creativity and Innovation

- **CI-109 Virtual Globe Trekking: an Alternate View of the World**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will examine creativity and innovation through the lens of place. Modern geography is an all-encompassing discipline that seeks to understand the earth and all of its human and natural complexities - not merely where objects are, but how they have changed and come to be. The world is filled with ideas and perspectives. By changing your location, new perspectives emerge. This course will focus on the creative process to understand that each person creates in their own way. The students will test many methods to draw forth creative thought and seek to identify their own best method for calling on their own inner genius. Often this will involve failure and mixed results, yet this is where the students will learn their strengths and weaknesses.

Type:

Creativity and Innovation

• CI-110 The Entrepreneur's Cocktail**Prerequisites:**

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

How do you and your story drive business? This course takes an innovative look at human creativity and entrepreneurship. As an entrepreneur needs perseverance and high motivation, we will explore the importance of values, risk taking, problem solving, and the discovery of the market opportunities. In order for you to be creative and essentially create successful ventures, you will discover the nuances between the three factors and explore them further through interactive discussion and debate as well as collaborative group work. You will be encouraged to think in non-conforming ways and apply new concepts and develop your own personal operating principles.

Type:

Creativity and Innovation

• CI-111 The Future of Boston**Prerequisites:**

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course introduces students to creative and innovative thinking based in the field of communication. Students will work in teams to wrestle with the challenges Boston will face in the future and propose feasible strategies to meet them.

Type:

Creativity and Innovation

• CI-112 Creating Problems: a New Solution for Sustainability

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

As the majority of the world population now lives in cities, for the first time in human history, issues of urban sustainability have become more complex and more important than ever before. Presented with case studies of urban efforts to gain a sustainability foothold, students will utilize ideation, critical thinking, and strategic decision making to both identify root problems and to present solutions. This course will lean heavily on ideation processes, teamwork, and logical methods of analysis to pursue actionable solutions for significant problems. The methods of problem identification and solution analysis learned in this class will be readily adaptable to many complex problems, helping the students to make informed and decisive determinations in their careers.

Type:

Creativity and Innovation

• CI-113 Revising Reality

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Reality and perception have been debated and discussed for millennia. Humans see and experience their world in different ways. How do humans determine what is true and good and what advancements are necessary? In this course, students will creatively explore these big questions and revisit knowledge using new and sometimes divergent perspectives. Students will participate in dirty and courageous learning by crafting products, creating visual projects, and coming into original thought via trial and error. Students will also develop their analytical and critical thinking skills, while learning to communicate effectively and honestly.

Type:

Creativity and Innovation

• CI-114 Creating the Dream Team

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Every successful venture today is based on effective teamwork. Unlike a typical lecture format, Creating the Dream Team is a course that utilizes experiential group learning to provide students with pivotal team-building skills. These essential skills are vital for everyone's future success in the business world. As team players, students are challenged to think creatively. A collaborative problem-solving process is used to analyze real life business situations. Teamwork involves research, data collection and information analysis to develop creative solutions to typical business problems. Teams will utilize multi-media tools to present their innovative ideas. Classmates will provide peer feedback and review. Through iterations, all students will assume roles as project leaders, keynote speakers and collaborators on a series of Team Challenges. Upon successful completion of this course, all students will have formed working dream teams. As reinforcement and final evaluation, Dream Teams are required to create a multi-media Capstone Event as a course performance measure. This capstone presentation will showcase all of their newly acquired dream team-player skills.

Type:

Creativity and Innovation

• CI-115 Poetry Out Loud

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Students will develop a deep understanding of two seminal books of 20th century poetry and other key 20th century poems as they plan and execute small-group, end of semester reading performances. Students will write creative response poems to increase their understanding of the texts, and through cooperative decision making strategize effective ways to present their own poems and poems by

Bishop or Frost. The class format will foster direct spoken engagement with matters of sound, rhythm, tone, and meaning. Final reading aloud performances will be recorded and added to the Suffolk University Poetry Center Archive.

Type:

Creativity and Innovation

• CI-117 Writing for Stage and Screen

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will engage students in the process of script writing. Working in groups of four or five they will craft adaptations of stories, create original scenes, or review sketches. By the end of the semester they will produce a complete script. Each alternating week, one group will serve as the executive committee that will approve the final draft of the script of the week. There will be exams based on the textual study of collaborative and adaptation techniques.

Type:

Creativity and Innovation

• CI-119 Theatre at Work

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Theatre at Work is an introduction to creative practice using live performance as a problem solving tool in an educational environment. Specifically, students will create a performance piece in response to an issue they have uncovered in collaboration with select groups of students in a host Boston Public School. There will be a special focus on normalizing risk-taking and the learning that comes from false starts and failed ideas. Students will be responsible for creating every aspect of their performance

testing its feasibility on a limited budget, ensuring that the content meets established criteria, and successfully implementing and evaluating their success both with their peers and their audience.

Type:

Creativity and Innovation,Local Engagement Experience

• CI-H119 Theatre at Work

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

Theatre at Work is an introduction to creative practice using live performance as a problem solving tool in an educational environment. Specifically, students will create a performance piece in response to an issue they have uncovered in collaboration with select groups of students in a host Boston Public School. There will be a special focus on normalizing risk-taking and the learning that comes from false starts and failed ideas. Students will be responsible for creating every aspect of their performance testing its feasibility on a limited budget, ensuring that the content meets established criteria, and successfully implementing and evaluating their success both with their peers and their audience.

Type:

Creativity and Innovation,Local Engagement Experience,Honors

• CI-121 Catastrophe Management: From 9/11 to the Boston Marathon Bombings

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will introduce students to the exciting world of emergency management from the perspective of scientists who are often utilized as experts during both small scale adverse events and

large scale catastrophes. Students will actively and creatively explore the psychological, economic, and medical dimensions of these events and participate in role play in the classroom and site visits. By the end of the course, students will have a keen appreciation of emergency planning and management on the local and national levels.

Type:

Creativity and Innovation

• CI-123 Comics & Co.

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Using visual narrative as the means of exploration, students will be led through a series of exercises that challenge their assumptions, broaden their perspectives, and excite their imagination. The relationship between critical, creative and inventive thinking will be the basis for individual and collaborative projects.

Type:

Creativity and Innovation

• CI-125 Boston's Creative History in Perspective

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Our collective social consciousness is formed by physical space; through a mixture of exploration, discovery, and making, students will delve into the city that surrounds them, developing a sense of ownership and engagement in Boston's public space. During the course of the semester, students will uncover the ways that art and architecture have shaped the souls of cities around the world, using Boston as a template. In a series of local field trips, students will explore Boston through its art and

architecture, focusing not only what is, but on what might have been -- designs that were ultimately unrealized. Through interview and visits with local artists and designers, students will also learn about the process of shaping public space, uncovering the myriad of ways that design decisions are political in nature. As a capstone to the course, students will create their own city plan -- identifying and researching a chosen social or physical challenge the city faces, then developing a proposal that would address their chosen issue. These design proposals will then be enacted using augmented reality. Like a layer of invisible ink, these projects will form a phantom city over the physical realities that surround us, displaying the dramatic potential of the imagination.

Type:

Creativity and Innovation

• CI-127 Visual Perspectives: Coastline, Symmetries and Illusions

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

How do you measure the length of a coastline? How much symmetry is possible? What is an impossible object? How did the Mayans measure proportions? In this course, students will delve into these and other questions with a visual theme. While some will be clear-cut, others will be open-ended and require some choices, estimates or assumptions to be made. Throughout, the emphasis will be on creative problem solving.

Type:

Creativity and Innovation

• CI-129 Elements of Attraction- Supply and Demand

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The intent of this course is for students to examine and effectively express in writing their ideas on creativity and to inspire undergraduate students to exceed their current levels of learning. Students will learn to meaningfully integrate course content into long term-retained useful skills through applied creative collaborations. This course is based on the idea that exposure and insight development will enable students to better visualize themselves in their desired fields and make informed choices within the variety of options available to them. The focus of the course will help students to assess their personal interests and strengths as they plan for their own educational and professional futures.

Type:

Creativity and Innovation

• CI-131 Off to the Future: Leadership Through Compromise

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Some past political issues were resolved with great success (the Compromise of 1820), and some resulted in great failures (the US Civil War). In this course, students will study noteworthy political dilemmas of the past, identify the major problem solvers and examine the art of compromise. These investigations will provide guidance and inspiration for students to develop innovative and creative solutions to present day political problems such as climate change, immigration, Social Security, income distribution, higher education affordability, and homelessness. Students will work in teams and propose creative and innovative solutions that will convince the affected interest groups favorably, represented by teams of other students in the class, and result in compromises solving tomorrow's problems today.

Type:

Creativity and Innovation

• CI-H133 Franklin and the American Experiment

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

What made Benjamin Franklin such a creative force in American history? We will explore the many facets of Franklin's life (printer, writer, scientist, statesman) and learn about Benjamin Franklin's political and diplomatic ventures, and will recreate some of his scientific experiments.

Type:

Creativity and Innovation,Honors

- **CI-135 The Design of Everything**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course will explore a selection of the genius personalities and their creative work in 5 distinct areas of human creative endeavor; art, science, nature, technology and the built environment. The course explores the underlying similarities in the process of their discovery, invention and creativity across the disciplines. Studying such names as Newton, Warhol, Hawking, Jobs, Gaudi and Banksy, students will uncover the process of design through research, analysis, synthesis, iteration and error. In class group projects will allow a hands-on opportunity to create.

Type:

Creativity and Innovation

- **CI-137 Re-write for Rights: Drafting a New US Constitution**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

The American Constitution is an important document, framing the basis for our lives and the lives of our neighbors. Yet it is also a very old document, which may be seen as lacking when it is compared to newer constitutions from around the world, even places that we may regard as undeveloped. In this class we will study many constitutions and also talk to many people to craft a new constitution that reflects contemporary American society and its values.

Type:

Creativity and Innovation

• CI-H139 Creating, Promoting, and Participating in the Literary Arts

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. CAS and SBS honors students or GPA of 3.5 or above only.

Credits:

3.00

Description:

With the launch of Boston's new Literary Cultural District, we have renewed cause to celebrate the history and industry of literature in our city. This course will immerse students in the world of literary culture and its many branches: writing, editing, reviewing, and publicity. Students will practice the art of creative writing, and learn how writers find publishing venues, how authors build platforms for their work, and how literature reaches the public through readings, social media, book trailers and other marketing campaigns, authors interviews, and reader reviews. Various industry professionals, authors, editors and publicists will speak to the class about the artistic and business opportunities, trends, and futures of literature and literary publishing. Students will apply their knowledge and interests to a variety of projects, including book reviews, author interviews, social media campaigns, literary events, and other collaborative projects. We will also work as a class to launch a new digital literary journal at Suffolk.

Type:

Creativity and Innovation, Honors

• CI-141 Science = Creativity

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course is focusing on the creative process by introducing students to creative practice as a disciplined approach to problem solving and innovation requiring research, persistence and grit. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original ways, embrace ambiguity and support divergent thinking and risk taking. The course will have an undertone based on science, but it is suitable for non-science majors too!

Type:

Creativity and Innovation

• CI-143 Dreams, Demons, and Dynamic Artists Creative Nature

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

What motivates your creative nature? This course will explore converging themes in Art and Psychology in order to give students the tools they need to unblock their creative potential. Collaborative small team activities, assigned readings, large group discussions, and personal reflection exercises will provide an avenue for students to explore their own creative patterns and how they are influenced by, and perceived within, the world around them. Dreams, mental illness and psychosocial theories of self will also be widely discussed in order to give students context for this inter/intrapersonal exploration.

Type:

Creativity and Innovation

• CI-145 Living and Laughing

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This is a course about laughing and living. While it sounds fun, it can also be complex, confusing, complicated, and convoluted. Laughter and humor are also very personal. The things that make you laugh are rooted in family, culture, and personality. We are going to spend the semester getting to know ourselves and each other in an attempt to understand more about why we enjoy what we enjoy.

Type:

Creativity and Innovation

- **CI-147 Seeing Double, Printmaking, the Art of Discovery, Experimentation and Process**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Always wanted to explore a creative side but never had the opportunity to take an art class? Here's your chance! Sync the power of icons/ images with ideas and making. We will use cellphone and printmaking technologies in a workshop style environment. Rather than a lecture based class, this class we will play, learn and build new Neurological pathways towards creative thinking. Come to every class excited to learn, make and discover. This course will give you the building blocks for innovative thinking beyond the classroom. Power is in the image. As in the way a dream can grip you, images carry incredible amount of influence and creative potential, when they are seen. Glimpses of these images circulate in media, movies, cell phones, and so on. Learn to develop your own images and understand the broad world of images of human culture.

Type:

Creativity and Innovation

- **CI-149 SL-Creative Writing and Literacy**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

In this course, students meet community needs by engaging in service-learning outside the classroom. This course will explore the value of creativity and play in developing reading and writing skills and the habits of lifelong learning, both in our own lives and in the lives of young people in Boston. In this course, we will work closely with the non-profit literacy organization 826 Boston, which works with students ages 6-18 on reading and writing skills through playful, creative workshops, as well as tutoring and other kinds of support. Students will learn about the work of 826 Boston by volunteering with the organization, and by the end of the semester you will conceive, plan, and run creative writing workshops of your own at 826 Boston.

Type:

Creativity and Innovation,Service Learning

• CI-H149 SL-Creative Writing and Literacy**Prerequisites:**

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. This course will explore the value of creativity and play in developing reading and writing skills and the habits of lifelong learning, both in our own lives and in the lives of young people in Boston. In this course, we will work closely with the non-profit literacy organization 826 Boston, which works with students ages 6-18 on reading and writing skills through playful, creative workshops, as well as tutoring and other kinds of support. Students will learn about the work of 826 Boston by volunteering with the organization, and by the end of the semester you will conceive, plan, and run creative writing workshops of your own at 826 Boston.

Type:

Creativity and Innovation,Honors,Service Learning

• CI-151 Finding Your Creative Voice**Prerequisites:**

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Schools and workplaces are becoming increasingly demanding and competitive, relying on unique ideas to continue innovation. Where do fresh ideas come from? This class will provide students with the tools they need to find creativity within themselves, and set them apart in the competitive arena. Students will explore who they really are at their core, identify their innermost thoughts and feelings, and uncover their creative identity while having fun! They will also learn to communicate, or share their creative voice clearly and honestly.

Type:

Creativity and Innovation

- **CI-153 Branding and Visual Identity**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

A brand may be a product, service, an organization, or a person, and at the core of every brand is a visual identity. A brand's visual identity is its strategically planned and purposeful presentation of itself. It is manifest in the brand's name, logo, tagline (slogan), color palette and other sensory elements (visual, aural, olfactory and tactile) that identity that brand and make it unique. This course will focus on analyzing the success and failure of brand's visual identities as a way of teaching students how to brainstorm and develop a new visual identity from concept through execution. The focus in this course will be on applying creative thinking to create a cohesive and meaningful visual identity.

Type:

Creativity and Innovation

- **CI-155 Improvising for Everyone, Everywhere**

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Improv Comedy has become the cornerstone training of movies and television for the past 20 years. More recently, Corporate America has begun to recognize the importance of the skills improv teaches - agreement, listening, moving forward as a group and out-of-the-box thinking. This course immerses students in improv theatre exercises to apply not for performance, but to shed light on how to collaborate with others. Students will be required to actively participate in exercises in class, experiencing the benefits and takeaways first-hand. Students will be able to connect these exercises with the theories of creativity presented in text books and use both to create a final presentation piece. By the end of the semester, students will understand how to recognize and foster creative thinking to solve problems leveraging the power of a group. Students will gain confidence with presenting new ideas and responding to other student's ideas, understanding how to create and maintain relationships as part of an ensemble that encourages and values ideas.

Type:

Creativity and Innovation

• CI-157 Mindful Journal**Prerequisites:**

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

To keep a journal is to make an investment, often long before we understand the value. A journal is a personal database of snapshots in time, good ideas and bad, observational doodles and unfiltered emotions. On any given page a journal may appear inconsequential but within the rigor of filling a whole notebook (and another, and another) an individual viewpoint emerges. This class will facilitate a student's ability to draw from his or her own lived experience and discover unique springboards into universal issues by making mindful connections. An entire lifetime of images, stories and details resides within each of our minds but the ability to explore that richness requires dedication to documentation. Mindful Journal is a process class fostering focus through mindfulness practices, content generation and meaning making.

Type:

Creativity and Innovation

• CI-159 Building a Better T

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

If any set of problems could use creative and innovative thinking, it's the myriad of problems facing the T. The Boston Globe is filled with stories about financial and organizational problems in the system, and you only have to spend a few minutes on the green line to feel the effects of those issues. Still, millions depend on it every day - it is the circulatory system of our city, and it is more than a way to get around: the T increases accessibility and functions as a democratizing force. That is, when it's running. In this class we will study the MBTA and other mass transit systems in order to propose creative solutions to the T's most pressing problems. We will read articles about the T and other transit systems, we will look at interactive maps that express different kinds of data, and we will visit local stations. In addition, we will study the process of creative thinking, in order to apply those skills to the issues at hand. You will be asked to create both stand-alone short writing assignments and visual representations of your ideas, accompanied by short, written explanations, both alone and in group projects.

Type:

Creativity and Innovation

• CI-161 Making History: Public Memory in the Digital Age

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

You live in Boston now. At least for a while. Perhaps you've noticed that it has its own ways of remembering things. Consider The Boston Literary District, The Freedom Trail, and all the many events and festivals devoted to history, culture, and identity. From guided tours and colonial cosplay to images and written texts to monuments, memorials, and museums, this city tells stories about itself today in the ways it tells stories about its past. In this class, you're going to tell more stories about Boston. You're going to help it find other things to remember, and other ways of remembering them. You'll likely need to focus on parts of the real events that Boston doesn't prefer to include in its stories,

emphasizing issues of race, socioeconomic class, nationality, colonialism, gender, sexuality, and other stories of unequal power and how that manifests in real people's lives and in the culture of this city.

Type:

Creativity and Innovation

• CI-H161 Making History: Public Memory in the Digital Age

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office. Honors students only.

Credits:

3.00

Description:

You live in Boston now. At least for a while. Perhaps you've noticed that it has its own ways of remembering things. Consider The Boston Literary District, The Freedom Trail, and all the many events and festivals devoted to history, culture, and identity. From guided tours and colonial cosplay to images and written texts to monuments, memorials, and museums, this city tells stories about itself today in the ways it tells stories about its past. In this class, you're going to tell more stories about Boston. You're going to help it find other things to remember, and other ways of remembering them. You'll likely need to focus on parts of the real events that Boston doesn't prefer to include in its stories, emphasizing issues of race, socioeconomic class, nationality, colonialism, gender, sexuality, and other stories of unequal power and how that manifests in real people's lives and in the culture of this city.

Type:

Creativity and Innovation, Honors

• CI-163 A Course on Skepticism and Rationality

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

Magician James The Amazing Randi reminds us that No matter how smart or how well educated you are, you can be deceived. In an age fraught with deception and misinformation, students need tactics and strategies in order to separate truth from falsity. This course encourages its participants to act as skeptics - not cynics, necessarily - by requiring evidence and proof before believing or accepting claims. Students are urged to identify the most-likely-to occur opportunities for deception in their major fields and draw from the tenets of classical rhetoric, logic, and the scientific method in order to develop safeguards. Frequent collaboration with classmates will allow for dynamic solutions to small and large-scale contemporary problems ranging from the personal (e.g. used car prices and avoiding fraud) to the universal(e.g. fake news and God).

Type:

Creativity and Innovation

• CI-165 Becoming a Zig-Zag Master

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

We will be discovering the process of becoming more creative. The emphasis is on understanding the creative process and applying effective team-working strategies towards a shared goal. Each team will choose a project and develop it during the semester with the goal of improving a product, raising awareness about an issue in a creative way, designing a board game, designing a card game, etc. Inspiration will be drawn from the numerous successful innovators in the Boston area.

Type:

Creativity and Innovation

• CI-167 Public Health: A Need to Think Outside The Box

Prerequisites:

Restricted to students with less than 54 credits. Students with more than 54 credits needing to fulfill their CI requirement should seek approval from the Undergraduate Advising Office.

Credits:

3.00

Description:

This course seeks to make you an innovative public health thinker by examining past campaigns and making the necessary frameshifts to help promote, protect and preserve health of the Suffolk community through the innovative thinking process. Public health activists and designers can have a positive impact on the lives of citizens living in small communities. However, the agreed rules and regulations that make up this policy landscape are created by paradigms which can be constricting. The issues the course addresses will include Suffolk's current plans for reducing carbon emission, behavioral determinants such as alcohol consumption among college students, and improving eating habits on campus. The final project will be peer reviewed and presented to the class. Programs may then be forwarded to university departments for possible integration and implementation.

Type:

Creativity and Innovation

• CI-204 Prague: Castles to Barbwire

Prerequisites:

At least 24 credits earned.

Credits:

3.00

Description:

Prague offers students a more recent view into history and will serve as a backdrop to learning Design Thinking. The curriculum will use Czech and Central European cultural features as the inspiration for learning the creative process, skills that can be applied broadly and globally across disciplines. WWII and its fall to Communism left the Czech Republic undamaged. Artists played a vital part in the country's rise to a Republic during the Velvet Revolution. These dissidents, including writers, actors, artists and musicians were innovators who were the catalyst for change. One could say that creative minds changed this country. This course is designed to demystify the creative process by introducing the creative practice as a disciplined approach to problem solving and innovation requiring research. This one-month study abroad experience will offer a more worldly insight to the significance of developing skills where divergent thinking and risk taking are one of many key tools in learning to generate new ideas. Travel fee covers accommodations, transfers, some meals and cultural visits. Airfare and tuition not included.

Type:

Creativity and Innovation, Global Engagement Experience

• CJN-101 Introduction to Communication

Credits:

4.00

Description:

As an introduction to the communication discipline, this course examines the significance of communication to the symbolic construction of meaning. Students receive an overview of multiple forms of communication, including face-to-face, verbal/non-verbal, small group, intercultural, organizational, and mediated communication. The class devotes attention to the influence of culture on communication and to ethical complexities relating to communication.

Term:

Offered Both Fall and Spring

• CJN-103 Principles of Oral Communication**Credits:**

4.00

Description:

Oral communication skills have been rated as vital to today's professional world. Students will learn these skills focusing on the three principal types of oral communication (interpersonal, team and public address). Sample assignments include creating a webinar, interviewing and team presentation. Specific attention will be given to communicating in diverse contexts, in an online environment, and for a diverse audience.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• CJN-105 Principles of Oral Communication**Credits:**

4.00

Description:

Oral communication skills have been rated as vital to today's professional world. Students will learn these skills focusing on the three principal types of oral communication (interpersonal, team and public address). Sample assignments include creating a webinar, interviewing and team presentation. Specific attention will be given to communicating in diverse contexts, in an online environment, and for a diverse audience.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-112 Journalism I**

Credits:

4.00

Description:

An introductory news writing course designed to teach both the writing style used by journalists and basic techniques used for gathering and presenting information for general publication. The course emphasizes fundamental writing and reporting skills such as interviews, finding sources, and choosing essential facts. Students also introduced to feature news writing and are assigned to develop and write basic stories drawn from real-life situations.

Term:

Offered Both Fall and Spring

- **CJN-114 Great Works of Journalism**

Credits:

4.00

Description:

An examination of important contributions to the literature of journalism through an analysis of major writers and news coverage of significant events from a journalistic perspective.

Term:

Occasional

Type:

Social & Intellectual HST

- **CJN-152 Visual Aesthetics**

Credits:

4.00

Description:

This course provides an introduction to a humanities approach to a range of media, including but not limited to film and television. The course helps students develop visual literacies, enriching their understanding of multiple forms of media. The class also explores how media texts are constructed for specific cultural, entertainment, informative and propaganda purposes.

Term:

Offered Both Fall and Spring

• CJN-177 Professional Communication**Credits:**

4.00

Description:

An introduction to the processes of professional communication, with emphasis on oral presentations, report writing, effective listening, and interpersonal communication in the business environment.

Term:

Occasional

• CJN-H177 Honors Professional Communication**Prerequisites:**

3.2GPA

Credits:

4.00

Description:

An honors-level introduction to the processes of professional communication, with emphasis on oral presentations, report writing, effective listening and interpersonal communication in the business environment.

Term:

Occasional

Type:

Honors

- **CJN-210 Communication Research Statistics**

Credits:

4.00

Description:

The course develops an understanding of how statistics are used in the presentation of information and arguments in Communication and Journalism. Emphasizing a conceptual approach to learning statistics, the course focuses on data collection and summarization, correlation, regression, sampling, estimation, and tests of significance. Students perform basic statistical calculations using SPSS software.

Term:

Offered Both Fall and Spring

- **CJN-212 Journalism II**

Prerequisites:

CJN 112

Credits:

4.00

Description:

Modern reporting techniques are examined and applied to writing full-length news and feature news stories, with an emphasis on investigative journalism. The course includes an introduction to and an analysis of alternative or new journalism," combined with the survey of journalistic styles and standards as they evolved in the U.S. and international press over the last century.

Term:

Offered Both Fall and Spring

- **CJN-214 Professional Writing**

Credits:

4.00

Description:

Provides students with the opportunity to develop their writing style for a professional audience. Memo writing, report writing, letter writing, and other common writing situations for business professionals are considered.

Term:

Occasional

• CJNI-215 Interpersonal Communication

Credits:

4.00

Description:

Analysis of communication behavior in individual and group environments. Topics include conflict, leadership, common communication difficulties, communication roles, and reflective thinking.

Term:

Occasional

• CJNI-216 Intercultural Communication

Credits:

4.00

Description:

An examination of communication variations and cultural viewpoints and their impact on cross-cultural communication. A special emphasis is placed on rituals and message patterns in non-Western cultures.

Term:

Offered Both Fall and Spring

• CJNI-217 Gay and Lesbian Studies

Credits:

4.00

Description:

Examines the portrayal of homosexuality in political, social, and cultural discourse. Analyzes the role of media and symbolic construction in the shaping of public values, opinions, and social movements.

Term:

Alternates Fall & Spring

- **CJN-L218 Photojournalism**

Credits:

4.00

Description:

An introduction to the role of photography in the journalistic process. A discussion of photography as communication and a survey of the history of photography.

Term:

Offered Both Fall and Spring

- **CJN-219 Rhetoric of Protest and Reform**

Credits:

4.00

Description:

Examines the persuasive strategies of social reform movements with special emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **CJN-222 Leadership and Communication**

Credits:

2.00

Description:

This course explores different definitions, perspectives, and strategies of leadership, with the goals of developing a better understanding of the concept as well as the students' own styles of leadership.

The course examines the components of leadership including power, credibility, motivation, styles, situations, and followership.

Term:

Offered Both Fall and Spring

- **CJN-225 World Cinema**

Credits:

4.00

Description:

An introductory course in film studies with a focus on foreign films. Movies studied include masterpieces of cinema from Europe, Asia, the Middle East, and other nations (Films have subtitles).

Term:

Alternates Fall & Spring

- **CJN-235 Argument and Advocacy**

Credits:

4.00

Description:

Modern applications of argument in political, social, and legal situations. Emphasis on development of arguments, analysis, use of evidence, and delivery of oral and written assignments.

Term:

Offered Fall Term

- **CJN-239 Media Law**

Credits:

4.00

Description:

Explores the legal rights, responsibilities, and constraints on the media and on media professionals. Focus on defamation, copyright, obscenity, broadcast regulation, and media-related tort law.

Term:

Offered Both Fall and Spring

• CJN-245 Forensics**Credits:**

1.00- 8.00

Description:

Intensive research on topics in debate and active participation in the University forensics program.
ECR

Term:

Offered Spring Term

• CJN-247 Design Lab**Credits:**

4.00

Description:

Computer applications for advertising and communication design. Using various graphical editing and design programs, students learn the theory and practice of design for layout, logos, and graphic elements in communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• CJN-253 Broadcast Journalism**Prerequisites:**

Take CJN-112;

Credits:

4.00

Description:

Introduces students to newswriting, production, and performance techniques for radio and television. Students write, produce, and perform new packages as part of the course.

Term:

Offered Both Fall and Spring

• CJN-255 Introduction to Media**Credits:**

4.00

Description:

An introduction to the role of media in contemporary society, focusing on media's influence on cultural, political, and ideological processes. An examination of the historical contexts within which newspapers, radio, television, and new media technologies develop, and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

• CJN-257 Advertising**Credits:**

4.00

Description:

A survey course that introduces students to advertising concepts and practices from the perspective of agencies, clients, the media, and consumers. Students learn to think critically about advertising messages and learn practical techniques for developing effective advertising in various media.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-258 Sports Public Relations**

Credits:

4.00

Description:

The application of public relations strategies and techniques to college and professional sports.

Term:

Alternates Fall & Spring

- **CJN-259 Sports Public Relations**

Credits:

4.00

Description:

The application of Public Relations strategies and techniques in college and professional sports.

Term:

Occasional

- **CJN-265 Small Group & Team Communication**

Credits:

4.00

Description:

Analysis of the concepts and theories of communication in small groups and teams. Improvement of problem-solving, decision-making, analysis, and evaluation skills in the team environment. The study and practice of merging trends in team dialogue, team learning, team development, and leadership.

Term:

Occasional

- **CJN-270 Speaking Across Cultures**

Credits:

4.00

Description:

Helps students learn to communicate with and speak to culturally diverse audiences. Audience analysis, organizational patterns, speech creation, research skills, and delivery skills are all critical to understanding when interacting with diverse audiences. Provides students with opportunities for oral presentations and interactions in different contexts.

Term:

Occasional

- **CJN-277 Public Relations I: Principles**

Prerequisites:

This course is now being offered as CJN-2277

Credits:

4.00

Description:

The basic principle techniques and processes of public relations are examined. Issues, trends, opportunities, and problems faced by the practitioner and impacting the organization are analyzed.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-281 Asian Popular Culture**

Credits:

4.00

Description:

Students critically analyze Asian popular culture since the 1980s using a cultural ethnographic approach. Students apply the lenses of gender, identity, globalization, and business strategies to examine pop phenomena such as Korean Wave, Cool Japan, and Cantonese popular music.

Term:

Occasional

- **CJN-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media on contemporary society. Television, radio, film, and print formats are discussed in terms of their persuasive impact on mass culture in the U.S.. Focus is on the period 1950-1970.

Term:

Offered Spring Term

- **CJN-287 Media Criticism**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Critical examination of various mass media including film, television, radio, music, newspapers and magazines. Theories of media criticism discussed and applied to specific media or media products.

Term:

Offered Spring Term

- **CJN-288 Film Language: From Silents to Citizen Kane**

Credits:

4.00

Description:

Film history from 1895 - 1940. An introduction to the language and technology of cinema as developed by pioneering filmmakers, and a basic discussion of aesthetics and criticism of film. Key films from the silent era through Orson Welles' Citizen Kane.

Term:

Offered Both Fall and Spring

• CJN-291 Film Studies: the Modern Era**Credits:**

4.00

Description:

Film history mostly from 1940 until 1970. Includes an emphasis on film aesthetics, criticism, and history from World War II through the end of the Hollywood studio system; from film noir to Italian Neo-Realism to the French New Wave.

Term:

Alternates Fall & Spring

• CJN-292 Film History: From Silent Cinema to the Modern Era**Credits:**

4.00

Description:

An introductory film studies course that covers the history of the film medium from its birth until the 1970s. It provides an introduction to major film theory concepts, such as genre and/or auteur studies, as well as key films and stars in movie history.

Term:

Alternates Fall & Spring

• CJN-293 Hong Kong Cinema**Credits:**

4.00

Description:

By examining the film texts of Hong Kong auteurs such as John Woo, Wong Kar-wai, Tsui Hark, Andrew Lau, and Alan Mak, the course examines issues such as film genres, colonization/decolonization, transnational political economy, the Greater Chinese media market, and the diaspora.

Term:

Occasional

• CJN-297 New Media New Markets**Credits:**

4.00

Description:

Explores current trends in advertising and public relations. Examines new media choices in cable, direct response and the Internet and their impact on these professions. Includes an analysis of new markets in Generation X, Generation Y, and in the international and ethnic communities.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• CJN-301 Documentary Film and the Image of Conflict in the Middle East**Credits:**

4.00

Description:

The course focus is on some of the divisions and conflicts within Israeli society. Students analyze and compare mainstream media discourse to alternative representations in documentary film. Analysis also covers media representation of the Israeli-Palestinian conflict.

Term:

Occasional

• CJN-313 Advanced Reporting**Prerequisites:**

Take CJN-112 and CJN-212;

Credits:

4.00

Description:

The principles and techniques of advanced news and investigative reporting are studied and applied. Students develop, organize, and write detailed news and news-feature stories based on original research. Each student is assigned a real-life news beat or news project to work on throughout the semester.

Term:

Occasional

- **CJN-315 Global & Cultural Scripts**

Prerequisites:

CJN-216;

Credits:

4.00

Description:

Understanding how people interact is critical to building relationships in personal and professional settings. The concept of scripts refers to ways of understanding and articulating cultural norms, values and behaviors. Scripts help us identify patterns of communication and creation of identity. This course will explore the concepts of scripts in a variety of contexts and situations including interpersonal communication and organizational communication.

Term:

Occasional

- **CJN-317 Copy Editing**

Prerequisites:

CJN 112 or CJN 113

Credits:

4.00

Description:

A study of the fundamentals of copy editing, newspaper typography, and makeup.

Term:

Offered Fall Term

• CJN-L318 Advanced Photojournalism**Prerequisites:**

CJN-L218

Credits:

4.00

Description:

An in-depth analysis of the field of photojournalism. Emphasis is on the development of photo essays and the visual impact of photography on print media.

Term:

Offered Spring Term

• CJN-321 Research Methods in Communication**Credits:**

4.00

Description:

Students learn the research traditions in communication grounded in the humanities and social sciences. They are exposed to an array of qualitative methods, with in-depth study of select methodologies. Students learn how to read scholarly articles, write in an academic style, and design a research project.

Term:

Alternates Fall & Spring

• CJN-325 World Cinema**Credits:**

4.00

Description:

This course examines films from cultures around the globe, including masterpieces of cinema from European, Asian, South American, and African nations. (Films are often subtitled.)

Term:

Occasional

- **CJN-335 Persuasion**

Credits:

4.00

Description:

Analysis of persuasive techniques particularly those used by communicators in their attempt to gain public acceptance.

Term:

Offered Spring Term

- **CJN-340 Health Communication**

Credits:

4.00

Description:

Examines the important functions performed by human and mediated communication for health care consumers and providers. The course focus is on the use of communication strategies to inform and influence individual and community decisions regarding health.

Term:

Occasional

- **CJN-343 Advanced Feature Writing**

Prerequisites:

Take CJN-112 and CJN-212;

Credits:

4.00

Description:

Emphasizes in-depth development of articles in the style of narrative journalism for magazines and other publications.

Term:

Occasional

• CJN-347 Media Planning**Prerequisites:**

CJN 257

Credits:

4.00

Description:

The planning and purchasing of advertising space and time. Examines media costs, budgets, and media strategy for different audiences and markets.

Term:

Offered Both Fall and Spring

• CJN-353 Broadcast Journalism II**Prerequisites:**

Take CJN-2355 (formerly CJN-355) and CJN-253

Credits:

4.00

Description:

Advanced work in newswriting, production, and performance techniques for television. Students report, write, and produce news packages, with emphasis on increasing the depth, breadth, and frequency of reporting. Work also includes gathering, organizing, and evaluating the newsworthiness of information, evaluating the credibility of sources, writing the story, and producing broadcast quality work. Cannot be taken concurrently with CJN 483.

Term:

Alternates Fall & Spring

- **CJN-354 Digital Cinema**

Credits:

4.00

Description:

Students study cinematography techniques and theory, putting them into practical application in various projects using video cameras, lighting, and composition to create images and scenes. Students produce work in multiple environments including stage and on-location shoots.

Term:

Occasional

- **CJN-355 Media Production**

Prerequisites:

This course is now being offered as CJN-2355

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

- **CJN-356 TV Studio Production**

Credits:

4.00

Description:

Provides students with a hands-on introduction to the process of planning, preparing, producing, and evaluating studio productions. Students are exposed to the elements and terminology of a multi-

camera studio with live switching, audio mixing, and studio lighting. Students produce interviews, public service announcements, and a live variety/talk show.

Term:

Offered Both Fall and Spring

• CJN-357 Post Production

Credits:

4.00

Description:

An exploration into the activities that wrap up the creation of films and television programs. Students create and add motion-graphics and visual effects to edited programs, generating output for videotape, the web, and DVD platforms.

Term:

Occasional

• CJN-358 Family Communication

Credits:

4.00

Description:

Looks at different family structures using communication concepts and theories as a focus to glance at family life. Communication issues include the creation of meaning and identity through storytelling, rules and roles, conflict, power, intimacy, and challenges to the family unit. Examines both fictional and real families portrayed in television, movies, documentaries, as well as in fiction and non-fiction writing. Final projects include a paper and presentation about a family communication concept as applied to a family unit.

Term:

Occasional

• CJN-359 Advertising Copy

Prerequisites:

CJN 257

Credits:

4.00

Description:

Continuation of basic advertising, with an emphasis on practical advertising and advertising campaigns.

Term:

Offered Both Fall and Spring

• CJN-361 Television News Producing**Prerequisites:**

CJN-2355 (formerly CJN-355) and CJN-253

Credits:

4.00

Description:

Students produce news segments, series, and/or specials leading to broadcast quality products. Emphasis is on the pacing, timing, and flow of newscasts, as well as pre-production, tease(script and on-camera) and the issues of an audience and professional ethics. Cannot be taken concurrently with CJN 483

Term:

Alternates Fall & Spring

• CJN-363 Online Journalism**Prerequisites:**

CJN-253

Credits:

4.00

Description:

The development and implementation of news stories for web media. Emphasis is on the narrative form in the integration of writing, video, sound, and photography in producing news content for the web.

Term:

Alternates Fall & Spring

- **CJN-365 American Cinema**

Credits:

4.00

Description:

Trends in Hollywood and U.S. independent cinema from 1970 onwards, including maverick directors, Hollywood blockbusters, and, when possible, class visits by New England-based filmmakers.

Term:

Occasional

- **CJN-366 Great Film Directors**

Credits:

4.00

Description:

An in-depth look at the films of one great film director, either American or foreign, demonstrating how the filmmaker develops his/her themes over the course of a career. Can be taken for credit more than once, but only counts once towards the major. A different director is studied each time.

Term:

Occasional

- **CJN-375 Organizational Communication**

Credits:

4.00

Description:

Historical development of the theory of organizations, examination of information flow, network analysis, communication overload and underload, corporate culture, superior-subordinate communications, organizational effectiveness, and change processes.

Term:

Offered Fall Term

Type:

Human Behavior & Societies

- **CJN-377 Public Relations III: Writing**

Prerequisites:

CJN-277; This course is now being offered as CJN-3377

Credits:

4.00

Description:

An applied course that focuses on Public Relations research methods, the development of persuasive messages, and the selection, development and editing of appropriate materials used to communication with an organization's stakeholders.

Term:

Offered Both Fall and Spring

- **CJN-378 Event Planning and Promotion**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines how events are built, promoted, managed, and assessed, with an emphasis on conventions, trade shows, and nonprofit events. Issues analyzed include facilities planning and contracts, legal issues, volunteer management, budgeting, marketing, and planner/staff communication.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-381 Business of Media**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Explores the market environment of the production and distribution of video and film. Topics include ownership and control, market structure and competition, audience measurement, and the impact of new technologies on media markets. Students work on a proposal to launch a media company.

Term:

Alternates Fall & Spring

Type:

Arts Admin Minor Elective

- **CJN-383 Online Advertising**

Prerequisites:

CJN-257;

Credits:

4.00

Description:

All forms of online advertising are explored, including paid search, with a focus on building a brand online.

Term:

Alternates Fall & Spring

Type:

Arts Admin Minor Elective

- **CJN-385 Globalization of Media and Telecommunications**

Credits:

4.00

Description:

A critique of the circulation of media goods and ideologies from both a cultural and political/economic perspective. Topics include global Hollywood, the images of Muslim women in transnational media, the information society, and global social movements.

Term:

Offered Spring Term

• CJN-387 Media and Film Criticism**Credits:**

4.00

Description:

Examination of media including film, television, radio, music, newspapers, and magazines. Theories of media criticism are discussed and applied to specific media or media products. Students are introduced to criticisms such as genre, formalist, narrative, cultural, critical cultural, and feminist.

Term:

Offered Fall Term

• CJN-389 Social Media**Credits:**

4.00

Description:

Social media sites such as Facebook, MySpace, and Twitter are examined from a cultural and critical perspective. The use of social media for community formation, social presence, identity building, and social activism are considered. The roles of advertising, public relations, and branding are examined.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-390 Screenwriting**

Credits:

4.00

Description:

Students learn the basic principles of writing a short film for the screen by examining professional scripts and one-act films, and then creating, step-by-step, their own one-act screenplay so that it could be ready for production.

Term:

Occasional

- **CJN-400 Media Effects and Audiences**

Prerequisites:

Prerequisite: CJN-255

Credits:

4.00

Description:

Explores the social influence of the media on U.S. society. Attention is given to the theoretical perspectives that inform media research. By the end of the semester, students will develop a critical understanding of the role and influence of the media in U.S. society.

Term:

Offered Fall Term

- **CJN-401 Networked Culture**

Credits:

4.00

Description:

Explores the influence of media convergence, digital technologies, and networked culture on the production, distribution, and consumption of media texts. Through theory, analysis and practice, students learn broad conceptual frameworks and develop models about the emergence and evolution of digital and mobile communication technologies that have shaped the contemporary media

landscape. Case studies are drawn from media industries including journalism, advertising, public relations, film and television, music, video games, and the arts.

Term:

Occasional

• CJNI-403 Issues in Journalism

Prerequisites:

CJNI-112

Credits:

4.00

Description:

Each time this course is offered it examines a different issue in Journalism, such as social justice journalism, electronic journalism, ethics, political journalism, or international journalism.

Term:

Offered Fall Term

• CJNI-405 Communication Theory

Prerequisites:

CJNI Majors Only

Credits:

4.00

Description:

Interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientists, psychologists, sociologists, philosophers, and others.

Term:

Offered Both Fall and Spring

• CJNI-415 Review Writing

Credits:

4.00

Description:

Analysis and critique of movies, theater, music, art, and food.

Term:

Offered Both Fall and Spring

• CJN-421 Media Seminar**Prerequisites:**

Take CJN-255;CJN Majors with Senior Standing

Credits:

4.00

Description:

In an interactive and intensive seminar format, students examine special media topics through class discussion and engaging in original research. Topics may include: women, gender, and communication technologies; media and social movements; topics in cultural studies; media and democracy; media and community; and participatory media culture.

Term:

Offered Spring Term

• CJN-437 Ad Campaigns**Prerequisites:**

CJN 359, CJN 257

Credits:

4.00

Description:

Principles of advertising campaigns. Students design, plan, and produce a national advertising campaign for a client as members of a simulated agency team.

Term:

Offered Spring Term

- **CJN-440 Health Communication**

Prerequisites:

CJN-277;

Credits:

4.00

Description:

This course examines the important functions performed by human and mediated communication for health care consumers and providers. In particular, the course focuses on the use of communication strategies to inform and influence individual and community decisions regarding health.

Term:

Occasional

- **CJN-441 Risk and Crisis Communication**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Provides students with insight into effective risk and crisis management within organizations, including health organizations. Focuses on the application of theories, strategies, and tactics from a public relations perspective. Students understand how communication can prevent, cause, accelerate, and assist in recovery from a crisis.

Term:

Occasional

- **CJN-442 Boston Sports Media**

Credits:

4.00

Description:

The history of Boston sports includes a rich media tradition that has been chronicled in various Boston sports media outlets. This course takes both an historic and contemporary approach to understanding and analyzing Boston sports media and their relationship to Boston college and professional sports.

Term:

Occasional

• CJN-443 Advanced Reporting and Feature Writing**Prerequisites:**

Senior status or instructor consent

Credits:

4.00

Description:

Principles and techniques of advanced news, features, and investigative reporting are studied and applied, with a focus on enterprise reporting. Students develop, organize and write detailed news and news-feature stories based on original research.

Term:

Offered Fall Term

• CJN-444 Advanced Health Communication**Prerequisites:**

CJN-340

Credits:

4.00

Description:

Explores theory and research in the development of persuasive health campaigns in many contexts including social marketing. Examines aspects of health campaigns including formative research, audience segmentation, key message tailoring, and communication tools.

Term:

Occasional

- **CJN-455 Advanced Media Production**

Prerequisites:

CJN 355

Credits:

4.00

Description:

The course focus is on specialized production techniques including advanced lighting, sound recording, cinematography and editing techniques. Students work in teams to create a variety of fiction productions.

Term:

Offered Both Fall and Spring

- **CJN-457 Integrated Marketing Communication**

Prerequisites:

CJN-2277(formerly CJN-277)

Credits:

4.00

Description:

Examines the integration of advertising, promotion, public relations and marketing communication in the strategic communication process. By learning the fundamentals of interpersonal and persuasive communication, students have an opportunity to develop an effective communication plan for a brand that includes creative copy.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **CJN-458 Advanced Sports Public Relations**

Prerequisites:

CJN-258

Credits:

4.00

Description:

Focuses on the theory and practice of effective sports public relations management including the development of sport, team, and league public relations campaigns. Also focuses on sports public relations in the context of stakeholder relations in sports.

Term:

Occasional

- **CJN-466 Seminar in Media/Film**

Prerequisites:

CJN-3455

Credits:

4.00

Description:

Functions as a capstone media/film course and merges theoretical and practical knowledge from previous classes. Students revisit concepts and apply them to advanced courses and/or create their own advanced work.

Term:

Offered Spring Term

- **CJN-470 Rhetoric and Global Context**

Credits:

4.00

Description:

Rhetoric is the strategic use of symbols to create meaning. Films, television, music, and new media communicate these meanings. Explores how rhetorical messages shape our personal and cultural identities. Topics include gender, social networking, food, politics, religion, and fashion.

Term:

Offered Fall Term

- **CJN-477 Public Relations IV: Campaigns**

Prerequisites:

CJN-277 and CJN-377 and Senior Standing. This course is now being offered as CJN-4477

Credits:

4.00

Description:

Examines case studies and typical public relations problems experienced by profit and not-for-profit organizations. The course provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign for an actual client. Fulfills ECR requirement.

Term:

Offered Both Fall and Spring

- **CJN-H477 Public Relations IV Honors: Campaigns**

Prerequisites:

CJN 277 and CJN 377; Over 84 credits and by invitation only;

Credits:

4.00

Description:

HONORS SECTION. INVITATION ONLY! Examines case studies and typical public relations problems experienced by profit and not-for-profit organizations. The course provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign for an actual client. Fulfills ECR requirement.

Type:

Honors

- **CJN-479 Environmental Public Relations**

Credits:

4.00

Description:

Examines public issues involving the environment. Focuses on public relations strategies for government agencies, corporations, and other organizations concerned with the environment.

Term:

Occasional

- **CJN-480 Documentary Film Production**

Credits:

4.00

Description:

Students analyze contemporary documentaries and study documentary history and theory. Working in teams, students produce, write, direct, crew, and edit documentary shorts.

Term:

Occasional

- **CJN-481 Making the Short Film**

Prerequisites:

CJN-2355 or instructor consent

Credits:

4.00

Description:

This advanced class works together as a crew to create of a short narrative film shot in HD video. Students learn the process of making professional-quality work, and each student is responsible for various crew positions during pre-production and the shooting of the film.

Term:

Occasional

- **CJN-482 Cultural Theory and Practice Cultural Theory & Practice**

Prerequisites:

CJN-216

Credits:

4.00

Description:

In a world of globalization and multiculturalism, communication is critical to understanding. Explores theoretical approaches to communication and applies them to specific contexts. Emerging trends in global, ethical, legal, political and social communication issues are explored.

Term:

Offered Spring Term

• CJN-483 Suffolk TV News**Prerequisites:**

CJN-253 and CJN-2355(formerly CJN-355) and CJN-353 or CJN-361 or instructor's consent

Credits:

4.00

Description:

Students write, direct, crew, edit, and serve as talent in producing the CJN Department's weekly news program aired on Boston Cable Access. Cannot be taken concurrently with CJN 361 or CJN 353.

Term:

Offered Spring Term

• CJN-485 Rhetoric of Protest & Reform**Credits:**

4.00

Description:

Examines the persuasive strategies of social reform movements with an emphasis on the civil rights', women's rights, and gay rights movements in the United States.

Term:

Alternates Fall & Spring

- **CJN-488 Grant Writing**

Credits:

4.00

Description:

Hands-on course that explores the process of writing and submitting grants to foundations, associations, the government, and other grantors on behalf of nonprofit organizations. Students learn how to identify grant resources through research, compile an effective submission, and write supporting material such as cover letters and appendices. Also covers how grants are reviewed and tips for successful grant submissions.

Term:

Occasional

- **CJN-489 Political Communication**

Credits:

4.00

Description:

Examination of special circumstances created by politics and their impact on attempts at persuasion. Case studies of famous politicians' political campaigns are combined with discussions of current trends in media and politics.

Term:

Occasional

- **CJN-490 Temple Street Project**

Prerequisites:

CJN-253 and CJN-2355(formerly CJN-355)

Credits:

4.00

Description:

Students write, direct, crew, edit, and serve as talent in producing the CJN Department's magazine-format television program aired on the department's Youtube channel.

Term:

Offered Fall Term

- **CJN-491 Special Topics in Communications and Journalism**

Credits:

4.00

Description:

Explores current issues in the field of communication.

Term:

Offered Both Fall and Spring

- **CJN-492 Special Topics in Public Relations**

Credits:

4.00

Description:

Explores current issues in public relations.

Term:

Occasional

- **CJN-493 Special Topics in Film**

Credits:

4.00

Description:

Explores film theory, history, criticism, and genre.

Term:

Occasional

- **CJN-494 Special Topics in Advertising**

Credits:

4.00

Description:

Current issues in the field of advertising. Normally offered every semester.

Term:

Occasional

- **CJN-503 Experiential Learning in Communication**

Prerequisites:

16 Hrs of CJN coursework or CJN advisor consent

Credits:

1.00-12.00

Description:

Internships and practicum in Communication and Journalism are available prior to the start of each semester.

Term:

Offered Both Fall and Spring

- **CJN-505 Communication and Journalism Practicum**

Prerequisites:

12 hours of CJN coursework and CJN advisor consent

Credits:

1.00-12.00

Description:

Practicum and internship projects are available prior to the start of each semester. Prerequisites: Journalism majors with a minimum of 12 credits of coursework or permission of the Department Chairperson. 1-3 terms : 1-12 credits.

Term:

Offered Both Fall and Spring

• CJN-506 Honors Seminar**Prerequisites:**

Senior CJN majors with an overall cumulative grade point average of 3.0, and a major GPA of 3.4; or instructor consent

Credits:

4.00

Description:

Senior CJN majors meeting requirements for Departmental Honors are invited to participate in this seminar, which entails research and presentation of an approved topic.

Term:

Offered Spring Term

• CJN-510 Independent Study**Prerequisites:**

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00-12.00

Description:

An independent study experience in Communication and Journalism is available prior to the start of each semester.

Term:

Offered Both Fall and Spring

• CJN-2277 Public Relations I: Principles**Credits:**

4.00

Description:

Effective public relations involve an understanding of the history, theory, and practice of public relations including public relations concepts, the role of the practitioner, and the foundations of public relations. This course seeks to provide that foundation as an introduction to the field of public relations. Issues surrounding the history, legality, process, and principles of public relations are explored.

Term:

Offered Both Fall and Spring

• CJN-2355 Production I**Prerequisites:**

CJN-152

Credits:

4.00

Description:

Practical exposure to methods of production and production equipment of the media. Students are introduced to basic theoretical concepts, such as three-point lighting and white balancing, and apply those to their productions. Students create a variety of non-fiction videos in teams and/or by themselves.

Term:

Offered Both Fall and Spring

• CJN-3376 Public Relations II: Research**Prerequisites:**

CJN-2277 (Formerly CJN-277)

Credits:

4.00

Description:

Examines how research aids the public relations practice. Students learn research methods that address public relations planning and problem-solving. Assignments provide students with hands-on practice using research for a PR project.

Term:

Offered Both Fall and Spring

• CJN-3377 Public Relations III: Strategic Writing

Prerequisites:

CJN-2277(formerly CJN-277);

Credits:

4.00

Description:

Focuses on writing principles for public relations including the formulation of clear PR objectives, determining the knowledge of the target audience, and the development of key messages. Students apply these principles to common PR formats, including news releases, pitch letters, biographies, speeches, emails, digital content, and social media posts.

Term:

Offered Both Fall and Spring

• CJN-3455 Production II

Prerequisites:

CJN-2355(formerly CJN-355)

Credits:

4.00

Description:

Building on skills acquired in CJN 2355, students use advanced equipment and production techniques to produce complex video projects, including fiction filmmaking. Projects cover various styles and genres, such as music video and film noir.

Term:

Offered Both Fall and Spring

• CJN-4455 Production III

Prerequisites:

CJN-3455(formerly CJN-455)

Credits:

4.00

Description:

Builds on the theories and techniques developed in CJN 3455, focusing on the advanced concepts and skills needed to design and produce professional-level media content for digital distribution. Provides the opportunity to produce high-quality material for student media portfolios in various genres.

Term:

Offered Spring Term

• CJN-4477 Public Relations IV: Campaigns**Prerequisites:**

CJN-2277(formerly CJN-277) and CJN-3377(formerly CJN-377) and Senior Standing.

Credits:

4.00

Description:

Examines typical public relations problems experienced by profit and not-for-profit organizations. Provides students with an opportunity to demonstrate their mastery of the skills, techniques, and knowledge of public relations by creating a comprehensive campaign plan for a community client.

Term:

Offered Both Fall and Spring

• CJN-H4477 Public Relations IV Honors: Campaigns**Prerequisites:**

CJN-2277(formerly CJN-277) and CJN-377(formerly CJN-377) and CJN-3376 and by invitation only.

Credits:

4.00

Description:

Examines typical public relations problems experienced by profit and not-for-profit organizations. Provides honors students with an opportunity to demonstrate their mastery of the skills, techniques,

and knowledge of public relations by creating a comprehensive campaign plan for a community client.

Term:

Offered Spring Term

Type:

Honors

• CMPSC-200 Introduction to Computer Science World

Prerequisites:

Freshman or Sophomore Standing

Credits:

1.00

Description:

Computer Science is a dynamic discipline and students are not typically exposed to its many facets during their first years in college while important foundation work is done. This module aims to change that by presenting several areas of recent interest. In this way, students can form an idea of the scope of the vast and rapidly growing subject and career options, and begin to map out steps toward a potential career path. In this team-taught seminar-style course, two or three different professors will introduce students to their research areas and related topics. Some of the areas represented among the faculty include data science, machine learning, social networks, and parallel computing and others. The course is intended to be taken freshman or sophomore year.

• CMPSC-310 Introduction to Data Science

Prerequisites:

CMPSC-F132 and 1 of the following: STATS-240, STATS-250, MATH-134, MATH-165, MATH-164 or MATH-255.

Credits:

4.00

Description:

The field of data science is emerging at the intersection of the fields of social science and statistics, information and computer science and design. Data science involves using automated methods to analyze massive amounts of data and to extract knowledge from them. This course serves as a project-based introduction to data science in Python language, covering data organization and retrieval, statistical data processing and data visualization.

- **CMPSC-400 Senior Project in Computer Science**

Prerequisites:

Instructor permission required;

Credits:

4.00

Description:

Students specify, design and implement a software system.

- **CMPSC-401 Erlang Programming With Applications**

Prerequisites:

CMPSC-F132 & Permission of the Instructor

Credits:

1.00

Description:

Erlang is a general-purpose, concurrent, functional programming language. It is designed to support distributed, fault-tolerant, soft-real-time, non-stop applications in the areas of telecommunications, online video games, social networking, high-performance Web development and databases. This course covers the language foundations, as well as intermediate topics such as distributed communications, client-server systems, and working with ETS tables and Mnesia database. Special attention will be paid to recursive and asynchronous programming, which are the two core principles of the language.

- **CMPSC-501 Software Development Internship**

Prerequisites:

CMPSC-F131, CMPSC-F132, and 1 CMPSC course at 200, 300 or 400 level. Prior to registration, student must submit credit approval form and gain faculty approval.

Credits:

2.00- 4.00

Description:

Student works in a qualified software development setting to gain practical experience in modern industrial software development. Student will apply lessons learned in the classroom within a supervised, professional development while developing a greater understanding of the job expectations and organizational culture. Internship may be taken for 2-4 academic credit hours, at 4 hours of company work per week per each credit. Additional academic reports will be required. Students may take more than one internship, but the total number of credits applied toward graduation cannot exceed 12.

- **CMPSC-510 Computer Science Independent Study**

Credits:

1.00- 4.00

Description:

Guided study on a topic at an advanced level.

- **CMPSC-511 Launching a Career in Computer Science**

Prerequisites:

Junior or Senior standing

Credits:

1.00

Description:

This team-taught course is designed to explore career opportunities in Computer Science in depth. This course focuses on career search, the application process, entry, transition and networking for career success. Alternative options such as graduate school will also be explored. Students articulate and reflect on academic work, and co-curricular experiences from the perspective of professionals entering or advancing their careers. The goal of this course is to help students reach their fullest professional potential following graduation.

- **CMPSC-F107 Ants, Rumors and Gridlocks**

Prerequisites:

Math placement level of 2 or above or any MATH course at the level 100 or above

Credits:

4.00

Description:

Do viruses and rumors spread like forest fires? How do ants cooperate? Do spoken languages and biological species evolve in a similar way? *Ants, Rumors, and Gridlocks* exposes students to introductory aspects of computational science by addressing and answering these and many other questions. Students use and modify virtual experiments preprogrammed in the NetLogo programming language to investigate these topics and others in Social Sciences, Biology, and Environmental Science. No prior knowledge of computer programming or NetLogo is required.

Type:

SCI TECH ENGNR

• CMPSC-HF107 Honors Ants, Rumors & Gridlocks

Prerequisites:

Math placement level of 2 or above, or any MATH course at the level 100 or above; GPA of at least 3.3 or Honors student

Credits:

4.00

Description:

Do viruses and rumors spread like forest fires? How do ants cooperate? Do spoken languages and biological species evolve in a similar way? *Ants, Rumors, and Gridlocks* exposes students to introductory aspects of computational science by addressing and answering these and many other questions. Students use and modify virtual experiments preprogrammed in the NetLogo programming language to investigate these topics and others in Social Sciences, Biology, and Environmental Science. No prior knowledge of computer programming or NetLogo is required.

Type:

SCI TECH ENGNR,Honors

• CMPSC-F118 Computing With Words

Credits:

4.00

Description:

This course introduces students to aspects of Natural Language Processing involving computer-based analysis and comparison of texts written in natural languages (English and others). In addition to introductory computer programming in Python, the course also covers some basic statistics concepts. Intended for students at all levels.

- **CMPSC-F120 Programming for the World Wide Web**

Credits:

4.00

Description:

This is a hands-on course aimed at non-CS students who want to learn how to build interesting and interactive web pages. We do not use any drag- and-drop software for this purpose. Instead we cover the basics of HTML and PHP and, if time permits, we look at some ways of building web pages that interact with databases. Each student will have, for the duration of the course, an account on a server that permits individuals to have web pages that are visible on the World Wide Web.

Type:

Quantitative Analysis

- **CMPSC-F124 Game Programming**

Credits:

4.00

Description:

This course introduces students to computer game development, including, but not limited to, game programming. We use Game Maker, a framework for personal computers that runs equally well on XP, Vista, and Linux. We learn about the foundational concepts of two-dimensional (flat) games: graphics, sound, objects, actions, rooms, scores, levels, multiplayer support, artificial intelligence, and more. Game Maker has an intuitive interface that makes game development approachable for everyone, including those who have never written a single game or a single computer program. All games created by Game Maker can be saved as standalone applications and can be shared freely with classmates, friends, and family. This is not a course in graphics design, audio editing, or scriptwriting. Students are encouraged to use their creativity and imagination to design games and the correctness of game implementation is stressed throughout the course.

Type:

Quantitative Analysis

- **CMPSC-F131 Computer Science I**

Credits:

4.00

Description:

This is a rigorous introduction to computer science in Java with an emphasis on problem solving, structured programming, object-oriented programming, and graphical user interfaces. Topics include expressions, input/output, control structures, intrinsic data types, classes and methods, iteration, top-down programming, arrays, graphical user interfaces, and elements of UML. Normally offered each semester.

• CMPSC-F132 Computer Science II

Prerequisites:

CMPSC F131

Credits:

4.00

Description:

Computer Science II (CSII) is the continuation of Computer Science I. The purpose of CSII is to expand students' understanding of Computer Science and computer programming, assuming that they have the basic knowledge of the Java language. The course introduces another programming language - C - and also focuses on the pure Object-Oriented features of Java, such as inheritance, polymorphism, and exceptions, as well as on simple data structures (lists, stacks, and queues) and algorithms (searching and sorting). By the end of the semester students will be able to develop sizable (several pages long) computer programs in the C and Java languages. Efficient C and Java program development requires an Integrated Development Environment (IDE) - a collection of tools that make it possible to edit, compile, and debug C and Java programs. Our IDE of choice is Eclipse. Eclipse is free and available for many operating systems, including Microsoft Windows (all flavors), Linux, Unix, and Mac OS X.

• CMPSC-F265 Data Structures & Algorithms

Prerequisites:

CMPSC F132

Credits:

4.00

Description:

Includes topics such as strings, stacks, queues, lists, trees, graphs, sorting, searching, hashing, dynamic storage allocation, and analysis of algorithms. Most programming will be done in the C language. Normally offered each semester.

• CMPSC-F331 Object Oriented Programming

Prerequisites:

CMPSC-F265

Credits:

4.00

Description:

Object-Oriented Programming in C++ is taught using Trolltech's multi-platform Qt library and other open-source libraries and tools. Emphasis is placed on program design and code re-use. Topics include: encapsulation, inheritance and polymorphism, UML, refactoring, parent-child relationships, properties, event-driven programming, test cases, regular expressions, constraints, XML, design patterns, and graphical user interfaces. We deal with some operating system and programming environment issues and also with code packaging. C++ is a very large language, so we do not attempt to cover it all. Instead we work with a carefully selected subset of language elements that permits students to exploit the powerful Qt libraries and write robust, idiomatic, and interesting code. By the end of the course, the student should have a good command of C++, facility using and building libraries, an understanding and appreciation of the design patterns that we covered, and a well-established discipline of refactoring and code reuse. Prerequisite: CMPSC F265 (which may be taken concurrently). Normally offered each semester.

• CMPSC-F353 Architecture of Computer Systems**Prerequisites:**

CMPSC F265.

Credits:

4.00

Description:

This course deals with the structure and operation of the major hardware components of a computer. Topics include basic logic design, basic datapath construction, basic pipelining, I/O system design, issues in memory hierarchy and network interface design. Normally offered each fall semester.

• CMPSC-F355 Operating Systems**Prerequisites:**

CMPSC F353 & CMPSC F265 and Working knowledge of C++.

Credits:

4.00

Description:

This course presents an overview of modern operating systems, from the points of view of an application developer and of a system developer. It covers process management, scheduling, concurrency management, multi-threading, memory management, and file system organization. Intensive programming assignments in the C language and in an assembly language help students to learn the POSIX application programming interface (API) and the low-level organization of a general-purpose operating system. Normally offered each spring.

• CMPSC-F363 Intro to Database Systems**Prerequisites:**

CMPSC 265 and MATH 285

Credits:

4.00

Description:

This is an introduction to the design and use of database systems --- systems that manage very large amounts of data. Topics covered include Entity-Relationship (E/R) data model, Relational data model, object-oriented model, and the conversion of E/R and relational models. We shall also learn some database languages, both concrete and abstract, including Structured Query Language (SQL), Object Query Language (OQL), relational algebra, etc. We will introduce the semistructured data, such as the popular Extensible Markup Language (XML), and their usage in database systems as well. The course is intended for computer science students who need to have an in-depth understanding of modern database systems. Normally offered each fall semester.

• CMPSC-F375 Introduction to Computer Networks**Prerequisites:**

CMPSC F331 and CMPSC F353

Credits:

4.00

Description:

This course explores the fundamentals of computer networks, protocols and layering, applications and their implications to everyday networking life. Normally offered in spring.

• CMPSC-R120 Programming for WWW Recitation**Credits:**

0.00

Description:

Taken simultaneously with CMPSC 120. Students work with lab instructors to do work that enhances the course understanding. Such work can include practice problems, supervised programming time, as well as question-answer time and group project work. The hybrid version of the recitation: Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. On alternate weeks students do individual programming and reading.

• CMPSC-R131 Recitation from Computer Science I**Prerequisites:**

Must be taken concurrently with CMPSC F131

Credits:

0.00

Description:

Taken simultaneously with CMPSC 131. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such work can include practice problems and programming, homework problems and sometimes quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.

• CMPSC-R132 Recitation for Computer Science II**Prerequisites:**

Must be taken concurrently with CMPSC 132

Credits:

0.00

Description:

Taken simultaneously with CMPSC 132. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such work can include practice problems and programming, homework problems and sometimes quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.

• EC-101 Applied Microeconomics

Prerequisites:

Non CAS majors need to have completed at least 15 credits.

Credits:

3.00

Description:

This course introduces students to foundational principles of microeconomic theory, with an emphasis on applications of concepts to management decision-making in specific industry and market settings. It describes and analyzes the interaction of supply and demand and the behavior of the prices of goods, services. It explains the determinations of costs, output, strategic pricing, and governance by firms under conditions of perfect and imperfect competition in a global economy. In addition, it describes the supply demand for factors of production and the impact of taxes and government regulation and intervention on firms and consumers.

• EC-H101 Honors Principles of Microeconomics**Prerequisites:**

Honors Section Only : GPA of 3.3 or higher required.

Credits:

3.00

Description:

Introduction to the organization and operation of a market economy with a focus on how it allocates scarce resources; the analysis of consumer demand and profit maximizing behavior of business; examination of pricing and output decisions under conditions of competition, monopoly and imperfect competition. Analysis of markets for labor and capital. Policy issues include price ceilings and floors, competition and monopoly. Normally offered every semester.

Type:

Honors

• EC-102 Global Macroeconomics**Prerequisites:**

Non-CAS majors need to have completed at least 15 credits

Credits:

3.00

Description:

This course examines the workings of the national and the global economy. It will describe the determination of Gross Domestic Product, the problems of unemployment, inflation, and the determination of economic growth. It will also describe and analyze the determination of the country's exchange rate, the balance of payments, and international borrowing and lending. A particular focus will be on understanding economic fluctuations (booms, busts, and recessions) in the domestic economy and its effects on other economies. It will analyze the role of the government and the effects of government spending and taxation on the economy. Furthermore, it will describe and analyze the determination of the quantity of money and interest rates in the economy and the role of the country's central bank. It examines the basis and pattern of international trade and the effects of a country's trade policy on the economy.

• EC-H102 Honors Global Macroeconomics

Prerequisites:

GPA of 3.3 or higher

Credits:

3.00

Description:

The measurement of economic growth; introduction to the theory of determination of national income and the price level; unemployment and inflation; theories on economic growth and the role of labor and capital in economic growth; functioning and impact of the monetary system; analysis of monetary and fiscal policies for economic stabilization; international transactions and their influence on the domestic economy. Prerequisites: GPA of 3.2 or higher. Normally offered every year.

Type:

Honors

• EC-131 Environmental Economics

Credits:

4.00

Description:

Identifies the environmental effects of economic activity, including polluted water and air, noise, and radiation, and values their costs and benefits. Analyzes mechanisms, including taxes and permits, for achieving a socially preferable level of pollution. Traces role played by institutions, including common ownership, in affecting environmental decay. Resource depletion (of oil, forests, and fisheries) and appropriate policy responses.

- **EC-141 Development Economics**

Credits:

4.00

Description:

Why do so many countries remain so poor? Why have some (e.g. the Asian tigers) grown so rapidly? Why have most of the countries of Eastern Europe and the Former Soviet Union been slow to ignite economic growth? These questions are addressed by looking at domestic factors (government policies, resource endowments) as well as the international environment (mobile investors, international financial institutions). Asks what economic choices these countries face now. Normally offered yearly. Cultural Diversity B

Type:

Asian Studies

- **EC-151 Economic & Human Geography**

Credits:

4.00

Description:

The study of how economic and human activity is distributed across space, the reasons for these spatial distributions, and the processes that change the spatial organization of economic activity over time. Topics include: maps, map projections, and geographic information systems; population geography; the organization and location of cities, towns and villages; transportation and communication policy; industrial location; the geography of world trade; and geographic features of economic development. The course takes a global perspective, and draws on cases and examples from all over the world. Cultural Diversity B

Type:

Asian Studies, Human Behavior & Societies

- **EC-311 Intermediate Micro Theory**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

Theory of consumer behavior and demand. Theory of production and costs of production. Theory of the firm, and price and output decisions in different market structures, i.e., under perfect competition, monopoly, monopolistic competition and oligopoly. Decisions relating to pricing and employment of various inputs (labor and capital) under perfectly competitive, and less than perfectly competitive, resource markets. Required of all majors in Economics. Normally offered every semester.

• EC-312 Intermediate Macro Theory**Prerequisites:**

EC-101 and EC-102

Credits:

4.00

Description:

This course covers the neoclassical and Keynesian models of aggregate economic activity. Coverage of the measurement of economic variables, such as aggregate income, the inflation rate, and the unemployment rate. Examines the behavior of the economy under conditions of price flexibility in the long run and price rigidity in the short run under rational and adaptive expectations. Analysis of the effect of changes in taxes and government expenditures, monetary policy and deficits on the economy. Coverage of the sources of economic growth. Required of all majors in Economics. Normally offered every semester.

• EC-410 Urban Economics: Asian Megacities in Comparative Perspective**Prerequisites:**

Take EC-101

Credits:

4.00

Description:

More than half of the world population lives in urban areas. This course sets out to explain the existence, growth, geographic patterns, and impact of cities, and the effects of public policy on urban form, structure, and activity. It addresses the urban issues of transportation, congestion, housing, crime, poverty and inequality, governance, and the environment, and asks how planning and policy can tackle these. The context of these discussions is the megacities of Asia: 24 of the world's 37 megacities (those with ten million or more inhabitants) are in Asia, where they are home to almost 500 million people. The choices made by these cities will be considered in comparative perspective, including with Boston, New York, Paris, and London.

- **EC-420 Special Topics in Economics**

Credits:

4.00

Description:

Special Topics course. Topic varies semester to semester.

- **EC-421 Public Finance**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The theory of tax policy and tax structure. The effects on economic behavior (including labor supply, saving, risk-taking and investment, charitable giving, and growth) of different taxes (income, sales, value-added, inheritance, wealth, property). Tax equity, efficiency and incidence, in the United States and in comparative perspective. Additional topics include modeling state taxes; social security and pensions; and tax compensation. Normally offered yearly.

- **EC-423 Economics of Regulation**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines regulation and analyzes the structure, conduct, and performance of American industry. Monopoly and strategic behavior in oligopoly and monopolistic competition are considered. U.S. antitrust law and the effect of regulatory laws on industrial performance are explored. Regulatory practices, rate setting, deregulation, public-enterprise pricing, and issues in privatization are examined, with an emphasis on case studies and policy analysis. Normally offered every other year.

- **EC-430 International Trade Theory & Policy**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course examines theories of international trade. The policy implications of each theory are explored and the effect of trade on the welfare of the nation is examined. Also the development of trade blocs and the the political economy of trade are studied. Normally offered every year.

- **EC-431 History of Economic Thought**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

Presents the leading contemporary schools of economic thought as the outcome of theoretical and philosophical controversies that began with the ancient Greeks and that continue today. The course covers the major contributors to economic thought, including Aristotle, Aquinas, the mercantilists, and the contributors to the 18th-century enlightenment, notably Adam Smith and David Hume. Going forward, it considers Marx, the neoclassical school of Jevons, Menger and Walras and the Keynesian school, along with some of the more modern schools such as behaviorism, institutionalism and cognitive economics. The contributions of the economists and philosophers studied in the course are considered in context of the times in which they wrote and lived. Students will acquire a grasp of the principal tenets of contemporary economic theory as well as an understanding of the historical origins of the disputes that still divide economists on major theoretical and philosophic issues.

- **EC-432 Managerial Economics**

Prerequisites:

EC-101 and EC-102

Credits:

4.00

Description:

Managerial economics applies microeconomic and quantitative analysis to the formulation of rational managerial decisions. These tools shape decisions about output and pricing, about the choice of product quality, the type of production process used, the mix of inputs employed, the suitability of mergers and acquisitions, the management of risk, and the design of incentives in a world of imperfect information. This course explains the tools of managerial economics, puts them into context using numerous case studies, and applies them to significant real business situations.

• EC-433 Public Choice**Prerequisites:**

EC-101 and EC-102

Credits:

4.00

Description:

This course considers the degree to which it is possible to explain, predict, and guide political decision through the application of economic analysis. The course is organized around two competing visions of public choice: (1) a traditional organic approach that sees the core problem for public choice as requiring the maximization of social welfare and (2) a newer contractual approach that sees that problem as requiring attention to the institutional framework within which political decisions are made. Topics to be considered include the Arrow paradox and other problems in aggregating individual choices, rent-seeking, the Leviathan hypothesis, and non-market demand-revealing methods.

• EC-435 Economics of Energy and Natural Resources**Prerequisites:**

Take EC-101;

Credits:

4.00

Description:

This course applies economic analysis to identify the origins, consequences, and policy implications of problems related to renewable and non-renewable natural resources, with particular attention to energy. Resources considered include forests, fisheries, water, minerals, and land. Energy resources covered include oil, gas, coal, nuclear, and alternatives (wind, solar, biomass, hydrogen, etc.), as well as electricity. Concepts examined include externalities, learning-by-doing, peak-load pricing, regulation, sustainability, cost-benefit analysis, and the commons problem.

- **EC-440 International Financial Economics**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

This course is a combination of International Finance and Corporate Finance and designed to give students a strong foundation in the theory and practice of multinational financial management. Course materials include (a) basics of corporate finance and capital asset pricing, (b) foreign currency futures, (c) derivative securities in foreign exchange markets such as currency futures, options, swaps, (d) exchange risk management for multinational corporations, (e) global capital markets and financial crisis.

- **EC-441 Analysis of Global Economics and Financial Data**

Prerequisites:

Take EC-101 and EC-102, and take STATS-240 or STATS-250; Junior standing or higher

Credits:

4.00

Description:

This course focuses on the use and interpretation of real world economic and financial data. Emphasis is on hands-on experience of retrieving data from various databases and applications of statistical methods for analytical purposes. Main topics include the behavior of developed and emerging equity markets, the analysis of foreign exchange rate movements, sovereign risk, foreign capital flows, the characteristics of foreign direct investment by multinational companies, and international trade patterns. The course trains students to further communication skills by requiring presentations of the data analysis and writing reports on various global economic and financial topics.

- **EC-442 International Monetary Economics**

Prerequisites:

EC 101 and EC 102

Credits:

4.00

Description:

The balance of payments and foreign exchange markets and instruments, and the determination of exchange rates. Balance-of-payments adjustments under alternative exchange-rate systems, international liquidity, international economics policy and open economy macroeconomics.

• EC-445 The Economics of the European Union**Prerequisites:**

EC 101 and EC 102

Credits:

4.00

Description:

An economic analysis of the European Union, the history of European monetary and economic integration. and the creation of the Euro. A survey of the development and evolution of key European policies, such competition, industry, agriculture, environment, regional, etc. A discussion of economic implications of the enlargement of the European Union, as well as its trade relations with the U.S. and other countries within the context of the World Trade Organization.

• EC-450 Applied Econometrics**Prerequisites:**

STATS-250 or STATS-240 or MATH-255 or permission of instructor

Credits:

4.00

Description:

This course begins with a brief review of statistical methods, including probability theory, estimation, and hypothesis testing. This background is used in the construction, estimation, and testing of econometric models. The consequences of a misspecified model, where the assumptions of a classical regression model are violated, are studied and the appropriate remedial measures are suggested. Other topics include dummy variables, binary choice models, and autoregressive models. Emphasis is on applied aspects of econometric modeling. There is extensive use of statistical software for data analyses. Normally offered every year.

• EC-460 Game Theory**Prerequisites:**

EC 101 and EC 102

Credits:

4.00

Description:

This course introduces students to the foundations of game theory using applications from economics and everyday decision-making. The course examines the common strategic elements of interactions between consumers and producers, governments and citizens, politicians and their constituencies, countries and their trading partners, and various other participants in social relationships. The course provides a theoretical framework for modeling strategic interaction, beginning with the development of the concept of a Nash equilibrium, reputation, signaling, collective-action problems, and voting procedures and strategies. Normally offered every other year.

- **EC-483 Money, Banking & Financial Markets**

Prerequisites:

EC 101, EC 102

Credits:

4.00

Description:

This course examines the role of depository institutions and the Federal Reserve system in determining the supply of money. The course also explains the financial environment and the role of monetary policy decisions on changes in price, interest rates, money, and economic activity. The course provides the student with both theoretical and applied analysis. Prerequisites: EC 101, EC 102.

- **EC-490 Senior Seminar in Economics**

Prerequisites:

EC-450 or STATS-350 and Senior Standing; Or permission of Undergraduate Director.

Credits:

4.00

Description:

This is a required course for all students majoring in economics, to be taken in the spring semester of their senior year. Students are required to develop an economic thesis project in consultation with the professor for the course and to present it to the class.

- **EC-503 Internship in Economics**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Approximately 12 hours per week working in a position designed to give the student responsibility and a learning opportunity in economics. Interested students should consult the instructor in advance.

- **EC-504 Economic Competitiveness: Theory and Practice**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

This course examines the concept of economic competitiveness among nations and states and its usefulness to policymakers seeking to improve economic conditions. The emphasis will be on state-based economic competitiveness. We will read the current literature on economic growth and competitiveness and explore the current controversy surrounding the shortcomings of business climate indices. Special attention will be given to Beacon Hill Institute's index which attempts to identify the states with the sets of policies that sustain long-term economic growth and sustainable high incomes for citizens. The student will apply a stress test to the BHI index identifying its strengths and weaknesses. To learn how the index is used by professionals, the student will also compare the index against similar measures and interview at least two practitioners on how their states apply the index. The student will meet regularly with her advisor and submit a research paper and a professional memorandum advising BHI on how best to improve the index.

- **EC-510 EC Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 5.00

Description:

Independent study in economics

• EC-511 Professional Development in Economics**Prerequisites:**

CAS-201 and at least 54 credits

Credits:

1.00

Description:

This one-credit course is designed to explore career opportunities in economics in depth. Classroom discussions, writing assignments, and site visits will help prepare students to identify and secure internship and post-graduate employment opportunities. Additional career paths, such as pursuing graduate studies in economics or related fields, and the application process, will also be addressed. The goal of this course is to help students reach their fullest professional potential following graduation.

• ECE-101 Digital Electronics**Prerequisites:**

ECE L101 MUST BE TAKEN CONCURRENTLY

Credits:

3.00

Description:

This course introduces the elements and tools of digital design. The course covers Boolean algebra, Karnaugh maps, Logic gates and digital circuits, analysis and design of combinational and sequential circuits, and timing issues. Adders, decoders, multiplexers, flip-flops, counters, and registers are implemented using TTL or CMOS ICs as well as VHDL-programmed FPGAs. Formerly ECE 203

Term:

Offered Fall Term

• ECE-L101 Digital Electronics-Lab**Prerequisites:**

ECE 101 MUST BE TAKEN CONCURRENTLY.

Credits:

1.00

Description:

Illustrates the concepts of ECE-101. Exercises in various forms of Combinational and Sequential Logic design. Use of test equipment. Design projects will include a digital security system, use of PSPICE to verify feasibility of some designs. FPGA board citing Xilinx, software development tools from Xilinx and other third parties are introduced. Offered yearly. Formerly ECE L203

Term:

Offered Fall Term

• ECE-105 Circuit Theory I

Prerequisites:

ECE L105 must be taken concurrently; MATH 165 or MATH-164

Credits:

3.00

Description:

Basic elements and analysis techniques of DC circuits. Coverage includes resistors, capacitors, inductors, and sensors ; independent and dependent sources. Ohm's law, power, energy, and power transfer. Kirchoff's voltage and current laws; Nodal and Loop analyses; Thevenin and Norton equivalents; step and transient responses of first-order systems; time constants. Emphasis on functional circuits. Prerequisite: Must be taken concurrently with ECE L105. Must take MATH 121(must have a minimum grade of C in preqs.) 1 term - 3 credits.

Term:

Offered Spring Term

• ECE-L105 Circuit Theory Lab I

Prerequisites:

ECE 105 must be taken concurrently

Credits:

1.00

Description:

The Circuit Theory Lab I is designed to supplement the Circuit Theory I course.

Term:

Offered Spring Term

• ECE-205 Circuit Theory II**Prerequisites:**

ECE 105 with C or better; MATH 166 & PHYS 152 concurrently

Credits:

3.00

Description:

Analysis and design of lumped networks. Resistive elements, superposition, nodal analysis, dependent sources, equivalence theorems. Energy storage in elements, dynamics of first and second order networks, transient responses, phasors, sinusoidal steady state analysis, steady state power analysis, three phase power circuits. Offered yearly.

Term:

Offered Fall Term

• ECE-L205 Circuit Theory II Lab**Prerequisites:**

ECE 205 MUST BE TAKEN CONCURRENTLY

Credits:

1.00

Description:

Illustrates the concepts of ECE 205. Simulations with PSPICE, LABVIEW, NXT Robotics, INCSYS Power Simulator, Mathematica; construction and design. First order, second order transients, ideal and non-ideal transformer circuits, sinusoidal steady state circuits, power grid simulation. Offered yearly.

Term:

Offered Fall Term

- **ECE-206 Solid State Devices and Circuits**

Prerequisites:

ECE L206 must be taken concurrently; ECE 205(must have a minimum grade of C in preqs.)

Credits:

3.00

Description:

Review of Thevenin and Norton Equivalent circuits. Frequency Domain analysis and Bode Plots. Representation of an active device by its Gain, Input and Output Resistance. Thorough coverage of op amps - circuits, applications, and inherent limitations. Introduction to semiconductor physics and the PN junction. Diode circuits, applications, and models. Zener diodes and power supplies. Ripple estimations. The Bipolar Junction Transistor - large and small signal analyses. Active, cutoff, and saturation region characterization. Hybrid Pi and T models. Basic transistor configurations - common collector, common base, and common emitter - along with their characteristics, applications, and tradeoffs. Estimation of bandwidth using open circuit time constants. Prerequisite: ECE 205. Must have at least a C in this. Co-requisite: ECE L206

Term:

Offered Spring Term

- **ECE-L206 Solid State Devices & Circuits Lab**

Prerequisites:

ECE 206 must be taken concurrently

Credits:

1.00

Description:

The Solid State Devices & Circuits Lab is designed to supplement the Solid State Devices & Circuits course.

Term:

Offered Spring Term

- **ECE-225 Linear Systems**

Prerequisites:

MATH 166 and ECE 205 with a minimum grade of C; ECE L225 Concurrently.

Credits:

3.00

Description:

Classification of systems, differential equations, linear algebra, discrete mathematics, derivation of the system model, state variable description, impulse response, convolution, frequency response of discrete and continuous systems. Fourier Series, Fourier transforms, Fourier methods of discrete signals, Laplace transforms, Z transform, analysis of control systems.

Term:

Offered Spring Term

- **ECE-L225 Linear Systems Lab**

Prerequisites:

MUST BE TAKEN CONCURRENTLY WITH ECE 225

Credits:

1.00

Description:

The Linear Systems lab is designed to supplement the Linear Systems course. Matlab simulation of linear systems, Hardware Implementation of Analog Filters, measurement of the transfer function.

Term:

Offered Spring Term

- **ECE-288 Measuring the World**

Credits:

4.00

Description:

The world is addicted to quantifying the essence of everything, from personal IQ, to the speed of a baseball, to our healthiness, or our chances of winning the lottery. Behind most of these numeric values exists a science of measurement. Some of this is referenced to international standards, such as for length, time, weight, or temperature. Others are more arbitrary and subjective, such as ranking Olympic performance in gymnastics, beauty pageants, or popular responses as found in the game

show Family Feud. A third category includes controversial areas, such as measuring whether a person is lying when interrogated, or using hype rather than reality to market products. Sometimes statistics are used to predict sports outcomes, such as in the annual March Madness NCAA basketball brackets. Finally, in a world subject to fraud and deception, it can be essential to distinguish legitimate from counterfeit items, such as in money, art, collectibles, and historical documents. Don't get hoodwinked! This course examines all of these, starting with how measurements have been made throughout history, along with a full deck of entertaining terms used during the ages. This may help you sort out your weight, whether given in pounds, kilos, or stones. Often these terms will provide insights into how people lived in different eras. We will also look at some of the technologies currently available to provide these measurements, and unravel the complexities of various sensors that are used. As we consider the meaning of accuracy we may become less naive about how much confidence to ascribe to the results given us. Hovering around all of these measurements should be the question of validity - are they meaningful, useful, or misleading? And the impact they have on society - whether they steer behavior more powerfully than one might originally suspect. Each student will also be given an opportunity to become an expert in an area of measurement of personal interest. By the end o

Type:

SCI TECH ENGR

• ECE-306 Solid State Devices, Power and Circuits

Prerequisites:

ECE-206 with a minimum grade of C. ECE L306 concurrently

Credits:

3.00

Description:

Continuation of Solid State Dev & Circuits I, with emphasis on MOSFET field effect transistors; Physical structure, I-V characteristics, modeling, use as a switch and CMOS inverter, biasing circuits, and basic amplifier configurations - common drain, common gate, and common source. Differential Amplifiers - BJT and MOSFET implementations, along with small and large signal analysis. Multistage circuits, active loads. Design of current source and current mirrors. Internal capacitance and high frequency limitations. Low midband, and high frequency analyses of transistor amplifiers. Miller effect. Open and Short Circuit Time Constants. Cascade and Cascode configurations. Frequency response of amplifiers. Significant circuit design activities. Course tightly coupled to ECE-L306.

Term:

Offered Fall Term

• ECE-L306 Solid State Devices, Power and Circuits Lab

Prerequisites:

ECE 306 must be taken concurrently

Credits:

1.00

Description:

Illustrates the concepts of ECE 306. Exercises that help meld the practical aspects with the theoretical concepts taught in ECE 306. Biasing and design of MOSFET amplifiers. Construction of differential and multistage amplifiers. Investigation of different current source implementations. Simulation of bandwidth improvement using Cascode structures. Course concludes with a multistage design challenge using MOSFETs to reach a specified gain, output impedance and bandwidth objective provided by the instructor.

Term:

Offered Spring Term

• **ECE-307 Electric Power Systems - Analysis and Design**

Prerequisites:

MA166; ECE 205; ECE 206 and ECE 403 helpful, but not required

Credits:

4.00

Description:

This course is a first course in understanding the components that compose the high power grid. Generation of power; transmission line characteristics, load impacts. Real and reactive power along with compensation techniques. Transformers. Synchronous generators and motors. Power flow. Power quality. Transient and dynamic stability issues. Handling faults, overvoltage and surge protection. Electronic control by high power devices such as thyristors, relays, and circuit breakers. HVDC examined. Recent developments and opportunities in the Power field. A strong emphasis placed on problems solving and representative exercises.

• **ECE-308 Electric Power Systems II**

Prerequisites:

ECE-307

Credits:

3.00

Description:

Course will further pursue issues started in ECE 307. This will include motors and generators, entire system modeling, symmetrical and non-symmetrical fault analysis and correction, design of power converter divides, and recent developments in the power industry. Simulation tools will be used to model different aspects of a complete electric power system. Essentially this course will cover the second half of the Grainger and Stevenson text introduced in ECE 307.

- **ECE-309 Labview and Electric Circuits and Machines**

Prerequisites:

ECE-206 and ECE-L309 must be taken concurrently

Credits:

3.00

Description:

The purpose of this course is twofold: to give students facility in programming and data acquisition in Labview, and to use Labview to learn about power concepts such as three-phase, power corrections, per units, Star (Wye) and Delta connections, magnetic circuits, power electronic circuits, electric machines. Lab component reinforces concept taught in course.

- **ECE-L309 Labview and Electric Circuits and Machines Lab**

Prerequisites:

ECE-206 and ECE-309 must be taken concurrently.

Credits:

1.00

Description:

The purpose of this course is twofold: to give students facility in programming and data acquisition in Labview, and to use Labview to learn about power concepts such as three-phase, power connections, per units, Star (Wye) and Delta connections, magnetic circuits, power electronic circuits, electric machines. Lab component reinforces concept taught in course.

- **ECE-310 Special Topics in Engineering**

Prerequisites:

ECE 206 and MATH 166 with a minimum grade of C

Credits:

4.00

Description:

Selected topics in Computer Engineering or Electrical Engineering. Offered to upper level students by permission of instructor. Prerequisite: ECE 206 and MATH 166, or instructors' approval. 1 term - 4 credits. Minimum grade of C in prerequisites.

• ECE-311 Embedded Systems**Prerequisites:**

ECE-203 and ECE-206 with a minimum grade of C and ENS-333 OR CMPSC-F131 with a minimum grade of C and ECE-L311 concurrently

Credits:

3.00

Description:

This course will introduce the fundamentals of embedded micro controllers for system level applications: fundamental elements - sensors or transducers, microcontrollers, and the interfacing to external components. Procedural methods for design of the complete embedded system are developed. Programming using assembly, and C languages is utilized. Must take ECE L311 concurrently. Prerequisites: ECE 203 AND ECE 206, AND ENS-333 or CMPSC F131 (minimum grade of C in prereqs.) 1 term - 3 credits.

Term:

Offered Spring Term

• ECE-L311 Embedded Systems Lab**Prerequisites:**

Must take ECE 311 concurrently

Credits:

1.00

Description:

The Embedded Systems Lab is designed to supplement the Embedded Systems course.

Term:

Offered Spring Term

- **ECE-325 Statistics for Engineering and Science**

Prerequisites:

MATH 166 with a minimum grade of C; Must take ECE L325 concurrently

Credits:

3.00

Description:

Understanding the fundamentals of probability and statistics of experimental data. Measures of central tendency, variation, probability, events, Bayes Rule, discrete and continuous random variables, discrete and continuous distributions including the binomial distribution, normal distribution, chi-square distribution and student distribution, covariance, central limit theorem, hypothesis testing, linear regression, signal processing statistics (EE students), categorical data analysis (non-EE students). Use of Mathematica's statistical packages central to this course. Final project is a project with Biology measuring rat whisker resonance.

Term:

Offered Spring Term

- **ECE-L325 Statistics for Engineering and Science Lab**

Prerequisites:

ECE L325 MUST BE TAKEN WITH ECE 325

Credits:

1.00

Description:

The Engineering Statistics and Probability lab is designed to supplement the Engineering Statistics and Probability course.

Term:

Offered Spring Term

- **ECE-335 Control Systems**

Prerequisites:

ECE 225; Min Grade of C in Prereq. ECE L335 Concurrently.

Credits:

3.00

Description:

Introduction to feedback control systems; control system characteristics (stability, sensitivity, disturbance rejection, steady-state accuracy, transient response); stability analysis; root-locus analysis and design; frequency-response analysis and design; analysis and design of digital control systems. Normally offered bi-yearly.

• ECE-L335 Control Systems Lab

Prerequisites:

ECE 335 MUST BE TAKEN CONCURRENTLY.

Credits:

1.00

Description:

The Control Systems lab is designed to supplement the Control Systems course.

• ECE-390 Data & Computer Communications

Prerequisites:

ECE 225 with a minimum grade of C;

Credits:

3.00

Description:

Basic principles and topics in data communication, local area networks, wide area networks, communication architectures and protocols. Data transmission, encoding, multiplexing, circuit switching, packet switching, frame relays, and asynchronous transfer mode are also discussed. The TCP/IP protocol suite is studied and a project involving configuring, implementing, and installing a network is carried out during the semester. Prerequisite: ECE 225 or instructor's approval. Must be taken concurrently with ECE L390.

Term:

Offered Fall Term

- **ECE-L390 Data & Computer Communications Lab**

Prerequisites:

Must be taken concurrently with ECE 390

Credits:

1.00

Description:

The Data and Computer Communications lab is designed to supplement the Data and Computer Communications course.

Term:

Offered Fall Term

- **ECE-403 Applied Electromagnetics**

Prerequisites:

ECE 205 and MATH 265 with a minimum grade of C; ECE L403 must be taken concurrently

Credits:

3.00

Description:

Electrostatics and magnetostatics, including Coulomb's law, Gauss's law, Biot-Savart law and Ampere's law, vector operations in rectangular, cylindrical, and spherical coordinates, divergence theorem and Stokes theorem, electric fields in materials, Lorentz force, magnetic torque, Faraday's law, Maxwell's equation, wave propagation, transmission lines with Smith charts, rectangular waveguides, Hertzian dipole antenna; examples related to power when applicable.

Term:

Offered Spring Term

- **ECE-L403 Applied Electromagnetics Lab**

Prerequisites:

Must be taken concurrently with ECE 403

Credits:

1.00

Description:

The Applied Electromagnetics Lab is designed to supplement the Applied Electromagnetics course.

Term:

Offered Spring Term

• **ECE-406 Solid State Devices & Circuits III**

Prerequisites:

ECE-205 and ECE-206 with a minimum grade of C and ECE-L406 concurrently and at least a 3.0 GPA

Credits:

3.00

Description:

This course is an extension of ECE 206 and ECE 306. Advantages of feedback. Reduction of four fundamental feedback configurations to simplified equivalence. Loop gain and stability issues. Gain and Phase Margins. Frequency compensating techniques. Miller effect. Class A, AB, and B amplifier output stages. Power BJT applications and thermal issues. Voltage mode op amp design - small signal gain and frequency analysis. Current mode op amp design. A/D and D/A converters. Design of Active, BiQuad and Switched Capacitor filters, and LCR resonator circuits. Oscillator design - Wien Bridge and Phase shift types, along with amplitude limiting. Multivibrators.

• **ECE-L406 Solid State Devices & Circuit III Lab**

Prerequisites:

Must be taken concurrently with ECE-406

Credits:

1.00

Description:

Utilizes the concepts of ECE 406. Simulating Dependent sources. PSPICE confirmation of feedback circuit simplification and linearization. Output gain stages and cross-over distortion. Vbe multipliers. Oscillator design. Final project includes design, simulation, and implementation (using discrete parts) of either a voltage or current mode op amp with unity gain stability and determination of band width. Normally offered biyearly.

- **ECE-410 Communication Systems**

Prerequisites:

ECE 206, ECE 225 and MATH 265 with a minimum grade of C; L410 concurrently

Credits:

3.00

Description:

Coverage of a variety of basic communication systems, their theory of operation, and the analysis of their performance. Review of linear systems, Fourier and Laplace Transforms, and Frequency Domain analysis as needed. Graphical convolution of analog signals. Digital Baseband modulation techniques. Receiver design with an introduction to Stochastics. Digital Bandpass modulation and demodulation techniques. Analog communication systems including AM, FM, and PM approaches. Consideration of Noise and the resultant system performance. Multiplexing and information compression. ECE 410 and ECE L410 must be taken concurrently.

- **ECE-L410 Communications Systems Lab**

Prerequisites:

ECE 410 must be taken concurrently

Credits:

1.00

Description:

Illustrates the concepts of ECE 410. Exercises will focus both on communication system components and in the construction of a complete communication system. Introduction to FSK, DTMF, Phase lock loops, AM and FM modulation, oscillators, A/D and D/A conversion and the Nyquist rate. Wireless transmissions. Troubleshooting of non-working systems. Students have flexibility in the design and construction a full communication system which includes digitization, rearrangement in parallel and serial formats, transmission over a distance, and reconstruction back to its original analog form.

- **ECE-411 Senior Project I**

Prerequisites:

ECE 205, ECE 306, ECE 225, MATH 265; permission of the instructor may be required.

Credits:

4.00

Description:

The Senior Project provides a significant opportunity for students to direct all of their previous training and learning towards one major endeavor. It has been modified from previous years to extend over two semesters (instead of one) to facilitate a more comprehensive effort in both the planning and execution of the project. Although resources and guidance are provided for each student, this course still requires them to take full responsibility to plan their time, manage, and implement their project. In Part I the student creates their project proposal. Over a fourteen-week period the student is subjected to the practical stress of completing and delivering in professional fashion a project of their own choosing (with endorsement from an appropriate faculty advisor or industrial mentor). This period includes the following objectives: selection and careful definition of a project; a review of background information; a selection of the desired approach with justification; identification of resources needed; an outline of the project implementation timetable with desired milestones; a delineation of how the completed project performance might be evaluated. Weekly progress reports and meeting with their advisor are required. A formal proposal document is reviewed by department members (and possibly Industrial constituents) and may go through numerous iterations to be deemed 'acceptable'. Along the way informal oral presentations of both the 'general' and 'technical' aspects of their project will be presented to the rest of their peer group. A formal presentation of the project proposal is made to an audience of peers, faculty, and outside advisors. Prerequisites: ECE 205, ECE 306, ECE 225, MA265; permission of the instructor may be required. ECR

• ECE-412 Senior Project II

Prerequisites:

ECE 411

Credits:

4.00

Description:

In Part II the student implements, documents, and presents their completed project. Having defined their project, students gather the resources necessary and proceed to execute their designs. This period will include the construction, testing, troubleshooting, refinement, and evaluation of their project. A formal presentation of the project is made. A professional caliber documentation of the project is also required, and may go through numerous iterations of review. The final project report must consider most of the following: environmental impact, sustainability, manufacturability, ethics, health and safety issues, and political concerns. Time management, prioritization of process, formal communication, overcoming obstacles and meeting deadlines are monitored by the project advisor. Weekly reports and meetings are expected. The advisor also serves as a resource for the student. However, full responsibility for the success of the project rests on the student. Cross-disciplinary projects are encouraged. ECR

• ECE-414 Senior Project Proposal

Prerequisites:

Take ECE-101, ECE-206. Take MATH-164 or MATH-165

Credits:

1.00

Description:

The aim of this course is for students to generate a thoughtful and well-written senior project proposal. This course will provide guidelines and critiquing for that purpose. By the end of the course, students will have narrowly identified their project, performed a review of current available related technology, and selected the approach they will pursue. They will also establish a parts list, timetable, set of milestones, and basis or procedure for determining an answer to the question how good is it? At the end of the course they will formally present their project and write a comprehensive project proposal document. Once accepted, they are permitted to take ENS 415 Senior Project. Note that this course is focused on the process of creating a viable proposal. Enough flexibility exists that students may either implement the project they documented in this course when they take ENS 415, or may pursue an alternative project if desired. Also note that this course replaces ECE 411 for the graduating class of 2016.

• ECE-415 Senior Project

Prerequisites:

Take ECE-414;

Credits:

4.00

Description:

For the senior project the student implements, documents, and presents their completed project of the proposal generated in ENS 414. Having defined their project, students gather the resources necessary and proceed to execute their designs. This period will include the construction, testing, troubleshooting, refinement, and evaluation of their project. A formal presentation of the project is made. A professional caliber documentation of the project is also required, and may go through numerous iterations of review. The final project report must consider most of the following: environmental impact, sustainability, manufacturability, ethics, health and safety issues, and political concerns. Time management, prioritization of process, formal communication, overcoming obstacles and meeting deadlines are monitored by the project advisor. Weekly reports and meetings are expected. The advisor also serves as a resource for the student. However, full responsibility for the success of the project rests on the student. Cross-disciplinary projects are encouraged. Note: Replaces ECE 412 for the graduating class of 2016.

• ECE-430 Digital Signal Processing

Prerequisites:

ECE 225, ECE 203 with minimum grade of C; ECE L430 concurrently

Credits:

3.00

Description:

Discrete signals and systems, digital simulation of analog systems, Z transforms, recursion equations, finite-order systems, Fourier transforms, line spectra and Fourier series, discrete Fourier series and Fast Fourier Transforms (FTT), sampling and interpolation, mean-square approximations, non-recursive and recursive filters, selected topics on algorithms, design and applications of digital signal processing. There will be an end-of-semester design project that will involve students' creativity, design of open ended projects, formulation of alternative solutions, detailed system description, realistic constraints (economic factors, safety, reliability, aesthetics ethics, and social impact).

Term:

Offered Fall Term

• ECE-L430 Digital Signal Processing Lab

Prerequisites:

ECE 430 must be taken concurrently

Credits:

1.00

Description:

Illustrates the concepts of ECE 430. This laboratory course uses MATLAB, Simulink, and the Texas Instruments 6713 DPS board to design, test and implement various projects. The students will also learn how to use FPGA boards to design and implement various DSP systems. There will be a design project at the end of the course designed to synthesize what the students have learned.

Term:

Offered Fall Term

• ECE-510 Independent Study

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 6.00

Description:

This is an independent study in electrical and computer engineering. Topics will vary.

- **EDUC-110 Introduction to Education**

Credits:

4.00

Description:

Working with children and adolescents is a facet of many professions. This course will introduce students to the study of education occurring in formal and informal settings. This course focuses on the relationships among, and between, teachers, discourse, and community. Students will glean insight into the relationship of school and society as well as power and control in American Education. Required of all education minors. Five hours of field work required.

Term:

Offered Both Fall and Spring

- **EDUC-202 Educational Psychology**

Credits:

4.00

Description:

Examines the nature and development of human abilities and the teaching-learning process. Considers the facts and generalizations of child and adolescent growth and development, working with diverse cultures, and special needs children in school settings. Ten hours of field work.

Term:

Offered Both Fall and Spring

- **EDUC-203 Service Learning: Pre-K Outreach and Tutoring**

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring in an educational setting, or community organization, in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

• EDUC-205 SL-Community Tutoring Project

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00- 8.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. Students complete 35 hours per semester of educational tutoring in a local school (K-5), in conjunction with a weekly seminar on campus. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

Type:

Local Engagement Experience, Service Learning

• EDUC-208 Service Learning: College Access

Credits:

4.00

Description:

Students complete a minimum of 35 hours of tutoring and coaching in an educational setting, or a community organization in conjunction with a weekly seminar on campus. Programs include COACH, Connections to College, and others. Open to all majors. No previous experience required.

Term:

Offered Both Fall and Spring

- **EDUC-209 Reading and Writing in the Classroom**

Credits:

4.00

Description:

Students will become knowledgeable about the various approaches to teaching reading and writing in the content areas. This course is designed for teaching the necessary literacy skills in both Middle School and High School. Topics include: formal and informal assessment techniques, differentiation of instruction, diagnosing problems and integrating reading and writing into curriculum and instruction.

- **EDUC-210 Service Learning: Alternative Spring Break**

Prerequisites:

Open to all majors, Instructor's signature required

Credits:

4.00

Description:

Students complete all research, travel, and reporting requirements in conjunction with Suffolk University's Alternative Spring Break. Open to all majors. No previous experience required.

Term:

Offered Spring Term

- **EDUC-214 SL-Introduction to Teaching**

Credits:

4.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. This course introduces students to the basic competencies of school teaching. Topics include: lesson planning, classroom management, grouping for instruction, effective pedagogical practices, assessment methods, requirements for licensure in Massachusetts, and discipline specific curriculum development using the curriculum frameworks/common core state standards. Field observations (25 hours) required.

Type:

Service Learning

- **EDUC-215 Service Learning Jumpstart Community Literacies**

Credits:

4.00

Description:

This course is designed for Jumpstart Corps members to develop competencies in teaching strategies for reading and writing. The course introduces theoretical and instructional issues in the development of literacy skills. Students will be engaged in reflective, critical consideration of students' diverse needs in the acquisition of literacy.

- **EDUC-310 Culturally Responsive Education**

Credits:

4.00

Description:

The relationship between cultural diversity and schooling is explored by examining impediments to academic achievement and advancement by minority students, non-native English speaking students, and other under-represented groups. Topics include: standardized testing, identification of inequities, legal and ethical responsibilities of teachers, and promoting equity. Ten pre-practicum observation hours required for teacher candidates.

Term:

Offered Fall Term

- **EDUC-312 Curriculum and Pedagogy: Middle and Secondary School**

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Introduces students to the basic competencies of Middle and Secondary school teaching. Topics include: behavioral problems, classroom management, grouping for instruction, motivation and reward systems, individualized instruction, IEP's, requirements for licensure in Massachusetts, and discipline

specific curriculum development using the curriculum frameworks developed by the Massachusetts Department of Education. Field observations and experiences are grounded in theoretical discussion as students begin to develop their personal philosophies of education. Field observations (40 hours) required. Required prior to student teaching.

Term:

Offered Fall Term

- **EDUC-313 Classroom Communication**

Credits:

4.00

Description:

Examines communication between and among teachers and students in the classroom setting. Topics include: communication apprehension, building oral fluency, use of media technology to enhance student learning, cooperative learning, and related professional and legal responsibilities of teachers. Ten pre-practicum observation hours required for Teacher Candidates.

Term:

Offered Spring Term

- **EDUC-315 Strategies for Emerging English Learners**

Credits:

4.00

Description:

This course examines the specific needs and challenges of the various language and cultural groups in schools. Topics include: theories of 1st and 2nd language acquisition, strategies for teaching academic content, modifying instruction in the mainstream classroom, creating classroom cultures that invite all students into learning, the role of advocacy and professional collaboration in ESL, and analysis of policies related to assessment and placement of English Language Learners.

- **EDUC-316 TESOL Practice**

Prerequisites:

Take EDUC-315

Credits:

4.00

Description:

Students will have opportunities to put the theories and techniques learned in EDUC 315- Strategies for Working with English Learners into practice. Students will be placed in various Suffolk University sites or classrooms where they will work to meet the specific needs and challenges of educating various language and cultural groups. Students will be required to spend 30 hours working in their placements. Students will attend a weekly seminar where connections between theory and practice are explored, experiences are shared, and Teaching & Service Portfolios will be created.

• EDUC-402 History & Philosophy of American Education**Credits:**

4.00

Description:

Explores the evolution of schooling in the United States from The English High School to present. Theorists include: Mann, Franklin, Dewey, Sizer, and others.

Term:

Offered Spring Term

• EDUC-408 Youth Programming**Credits:**

4.00

Description:

This course focuses on the exploration and understanding of issues, strategies and frameworks related to developing and implementing youth programs. Students will be exposed to developmental theories, and various components of effective youth programmatic planning. Topics include: conducting needs assessments, developing goals and objectives, logistics planning, recruitment and training, and program evaluation.

• EDUC-414 Urban Schooling**Credits:**

4.00

Description:

This course is an in-depth investigation of policies effecting urban schools; topics include: demographic influence on education, influences of national and state regulations on urban schools, sociological factors unique to urban schools, and in-depth analysis of equity and achievement.

Term:

Occasional

- **EDUC-415 Practicum: Middle School Teaching**

Prerequisites:

Coordinator of Student Teaching or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a middle school. See regulations regarding student teaching.

Term:

Offered Spring Term

- **EDUC-416 Practicum: Secondary School Teaching**

Prerequisites:

Instructor's or Program Director's Consent

Credits:

8.00

Description:

A 12-week practicum experience as a student teacher in a secondary school. See regulations regarding student teaching.

Term:

Offered Spring Term

- **EDUC-417 Assessment Theory and Practice**

Credits:

4.00

Description:

This course examines the development of formative, summative, authentic, and alternative assessment in education. Seminal works by Archbald, Baron, Bloom, Kleinsasser, Schwab, and others comprise the theoretical component. The second half of the course is dedicated to the selection, application, and integration of formal and informal assessment strategies and tools. A final project requires students to design an assessment tool appropriate for their academic area and age level. Instructional strategies include case studies, class discussions, student presentations, and research reviews.

Term:

Offered Fall Term

• EDUC-424 Global Issues and Trends in American Education**Credits:**

4.00

Description:

Examines major current issues of educational policy against the background of demographic trends, technological innovations, standardized testing, and curricular shifts.

Term:

Occasional

• EDUC-510 Independent Study**Prerequisites:**

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

Members of the Department will meet with students to direct their research in areas of special interest to them. Projects of this sort will be authorized only in unusual circumstances upon the recommendations of the Department Chairperson and with the approval of the Dean. Offered by arrangement only.

- **ELI-004 Academic Presentation Skills Pronunciation Skills**

Prerequisites:

ELI Students only

Credits:

0.00

Description:

An introduction to the processes of professional communication, with an emphasis on oral presentations, effective listening, and interpersonal communication. Students acquire skills in oral and physical delivery, organization, persuasion, critical thinking, and the use of support media. Through lectures, text, and practical applications; students will learn how to select a topic, tailor a presentation to a specific audience, research, design, and structure an oral presentation, collaborate with a team of colleagues, utilize visual aids, and critique professional / rhetorical situations.

- **ELI-041 High Intermediate Listening/Speaking/ Pronunciation Skills**

Prerequisites:

ELI Students only

Credits:

0.00

Description:

For non-native speakers assessed to be at the high intermediate level (450-475/110-133 CBT TOEFL/2.8-3.3 TWE) who need to acquire aural fluency in American English. The focus is on intensive practice in listening comprehension, speaking and pronunciation. The course meets for six hours a week. College credit is not awarded. Co-Requisite courses: ELI 042, ELI 043, ELI 044

- **ELI-042 High Intermediate Reading/Writing/ Grammar Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at high intermediate level intermediate level (450-475/110-133 CBT TOEFL/2.8-3.3 TWE) who need to acquire written fluency in American English for an

academic setting. The focus is on intensive practice in reading, writing, and English grammar. The course meets for six hours a week. College credit is not awarded.

- **ELI-043 High Intermediate Eli American Culture**

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high intermediate level (450-475/133-153 CBT TOEFL / 2.8-3.3 TWE) who need to acquire academic fluency in American English. The focus is on American culture, values, and institutions, giving students a content driven opportunity to practice the English language skills introduced in the other ELI courses. The course meets for five hours a week.

- **ELI-044 High Intermediate English - Academic Skills Lab**

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high intermediate level (450-475/133-153 CBT TOEFL / 2.8-3.3 TWE) who need to acquire academic writing skills. The focus is on research skills needed to be a successful student at an American college. The course meets for five hours a week. College credit is not awarded.

- **ELI-051 Low Advanced Listening/Speaking/ Pronunciation Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at low advanced level (475-500/3.0-3.5 TWE) who need to acquire aural fluency in American English. The focus is on intensive practice in listening, comprehension, speaking and pronunciation. The course meets or six hours a week. College credit is not awarded.

- **ELI-052 Low Advanced Reading/Writing/Grammar Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low advanced level (475-500/153-173 CBT TOEFL /3.0-3.5 TWE) who need to acquire written fluency in American English for an academic setting. The focus is on intensive practice in reading, writing, and English grammar. The course meets for six hours a week. College credit is not awarded.

• ELI-053 Low Advanced American Culture Skills**Prerequisites:**

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low advanced level (475-500/153-173 CBT TOEFL /3.0-3.5 TWE) who need to acquire communicative fluency in American English. The focus is on American culture, values, and institutions, giving students a content driven opportunity to practice the English skills introduced in the other ELI courses. The course meets for five hours a week. College credit is not awarded.

• ELI-054 Low Advanced Research Skills**Prerequisites:**

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low advanced level (475-500/153-173 CBT TOEFL/ 3.0-3.5 TWE) who need to acquire academic writing skills in American English. The focus is on research skills needed to be a successful student at an American college. The course meets for five hours a week. College credit is not awarded. The course meets five hours a week. College credit is not awarded.

• ELI-061 High Advanced Listening/Speaking/ Pronunciation Skills

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high advanced level (500-525/173-193 CBT TOEFL / 3.5-4.0 TWE) who need to acquire aural fluency in American English. The focus is on intensive practice in listening comprehension, speaking, and pronunciation. The course meets for six hours a week. College credit is not awarded.

- **ELI-062 High Advanced Reading/Writing/Grammar Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high advanced level (500-525/173-193 CBT TOEFL / 3.5-4.0 TWE) who need to acquire written fluency in American English for an academic setting. The focus is on intensive practice in reading, writing, and English grammar. The course meets for six hours a week. College credit is not awarded.

- **ELI-063 High Advanced American Culture Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high advanced level (500-525/173-193 CBT TOEFL / 3.5-4.0 TWE) who need to acquire academic fluency in American English. The focus is on American culture, values, and institutions, giving students a content driven opportunity to practice the English language skills introduced in the other ELI courses. The course meets for five hours a week. College credit is not awarded.

- **ELI-064 High Advanced Research Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For non-native English speakers assessed to be at a high advanced level (500-525/173-193 CBT TOEFL / 3.5-4.0 TWE) who need to acquire academic writing skills in American English. The focus is on research skills needed to be a successful student at an American college. The course meets for five hours a week. College credit is not awarded.

- **ELI-071 Special Advanced Listening/Speaking/ Pronunciation Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For graduate level, non-native English speakers assessed to be at a high advanced level (525-550/190-200 CBT TOEFL / 4.0-4.5 TWE) who need to acquire aural fluency in American English. The focus is on intensive practice in listening comprehension, speaking, and pronunciation; the content is derived from Harvard Business School Case Studies. The course meets for six hours a week.

- **ELI-072 Special Advanced Reading/Writing/Grammar Skills**

Prerequisites:

ELI students only

Credits:

0.00

Description:

For graduate level, non-native English speakers assessed to be at a high advanced level (525-550/190-200 CBT TOEFL / 4.0-4.5 TWE) who need to acquire written fluency in American English. The

focus is on intensive practice in reading, writing, and English grammar; the content is derived from business texts and Harvard Business School Case Studies. The course meets for six hours a week.

- **ELI-073 Spec Adv Amer Culture Lab**

Credits:

0.00

Description:

A course for graduate level, non-native English speakers assessed to be at a high advanced level of proficiency (525 - 550 PBT/ 193 - 213 CBT/ 70 - 79 IBT/ 3.5 - 4.0 TWE), who need to acquire communicative fluency in American English. The focus is on American culture, values, and institutions, giving students a content driven opportunity to practice the English skills introduced in the other ELI courses. The course meets for four hours a week. College credit is not awarded.

- **ELI-074 Spec Adv Research Skills**

Credits:

0.00

Description:

A course for graduate level, non-native English speakers assessed to be at a high advanced level of proficiency (525 - 550 PBT/ 193 - 213 CBT/ 70 - 79 IBT/ 3.5 - 4.0 TWE), who need to master graduate-level academic skills such as library research, evaluation of sources, quoting, paraphrasing and citation methods, and TOEFL preparation. The course meets four hours a week. College credit is not awarded.

- **ELI-077 Academic Presentation Skills Pronunciation Skills**

Prerequisites:

ELI Students only

Credits:

0.00

Description:

An introduction to the processes of professional communication, with an emphasis on oral presentations, effective listening, and interpersonal communication. Students acquire skills in oral and physical delivery, organization, persuasion, critical thinking, and the use of support media. Through lectures, text, and practical applications; students will learn how to select a topic, tailor a presentation

to a specific audience, research, design, and structure an oral presentation, collaborate with a team of colleagues, utilize visual aids, and critique professional / rhetorical situations.

• ENG-095 Developmental English Skills I

Credits:

4.00

Description:

This course is appropriate for native English speakers as well as non-native English speakers with a high level of oral fluency, but a need to improve English reading and writing skills for an academic setting. The course provides students with opportunities for and guidance in the development of Academic English writing. Class activities focus on aiding students in improving their academic English reading and writing skills to the proficiency levels required by the University. Particular emphasis is placed on the importance of planning, organizing and revising essays, as well as learning how to analyze, summarize, and cite an author's ideas and words. Offered in the Fall, Spring, and Summer Session I semesters. Course is enrolled by placement or instructor consent only.

• ENG-096 Developmental English Skills II

Credits:

4.00

Description:

A continuation of ENG 095, this course provides opportunities to both native and non-native English speakers for further development of Academic English proficiency. Class activities focus on aiding students in improving their academic English reading and writing skills to the proficiency levels required by the University. Particular emphasis is placed on the importance of planning, organizing and revising essays, as well as learning how to analyze, summarize, and cite an author's ideas and words. Offered on the Madrid Campus only.

• ENG-098 ESL Reading/Writing I

Credits:

4.00

Description:

Utilizing a freshman-level English textbook and materials from the content courses, this course furnishes students with active reading strategies and the conventions of academic writing that will be applicable to their collegiate course work. Students will develop the analytical skills necessary for academic success by producing in-class and take-home essays, participating in debates, and giving oral presentations. Students will be required to work with a course management program and to utilize

technology effectively in their writing. The skills obtained in these courses will allow students to participate comfortably in their mainstream college classes.

- **ENG-099 ESL Reading/Writing II**

Credits:

4.00

Description:

A continuation of ENG 098, this course further furnishes students with active reading strategies and the conventions of academic writing that will be applicable to their collegiate course work. Students will develop the analytical skills necessary for academic success by producing in-class and take-home essays, participating in debates, and giving oral presentations. Students will be required to work with a course management program and to utilize technology effectively in their writing. The skills obtained in these courses will allow students to participate comfortably in their mainstream college classes.

- **ENG-101 Freshman English I**

Credits:

4.00

Description:

This course studies persuasive and expository writing in the essay form through frequent writing assignments based on critical readings of class texts and discussions. Students will also compose a research paper and study the process of writing and revising for an academic audience. Offered every semester.

Term:

Offered Both Fall and Spring

- **ENG-L101 Developmental English 101 Lab**

Credits:

0.00

Description:

A course for students enrolled in Developmental English or Freshman Composition to aid them in improving their control of the writing process, English mechanics, and fluency of expression.

- **ENG-102 Freshman English II**

Prerequisites:

ENG 100 or ENG101 or ENG 103

Credits:

4.00

Description:

Further study of persuasive and expository writing through the study of literary form with emphasis placed on critical reading and the revision of academic writing.

Term:

Offered Both Fall and Spring

• ENG-113 World Drama I**Credits:**

4.00

Description:

Survey of drama and theatre as part of world culture from classical Greece through 18th-century China. Normally offered yearly.

Term:

Offered Fall Term

Type:

Studies in Literature

• ENG-114 World Drama II**Credits:**

4.00

Description:

Survey of drama and theatre as part of world culture from the 19th century to the present.

Term:

Offered Spring Term

Type:

Studies in Literature

- **ENG-123 Great Books of the World I Great Books of World Lit. I**

Credits:

4.00

Description:

Literary masterpieces from ancient times to the Renaissance, including: Homer's *Odyssey*, Sophocles' *Oedipus*, Virgil's *Aeneid*, selections from the Hebrew Bible and the Gospels, and Dante's *Divine Comedy*. List may vary at the discretion of the instructor.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **ENG-124 Great Books of the World II**

Credits:

4.00

Description:

This course will introduce students to a selection of Great Books from around the world from the 17th century to the 21st, such as *Don Quixote* (Spain), *Madame Bovary* (France), *The Communist Manifesto* (Germany), *The Origin of Species* (England), *War and Peace* (Russia), *On Dreams* (Austria), *Night* (Hungary), *Things Fall Apart* (Nigeria), *Satyagraha* (India), *I Am Prepared to Die* (South Africa), *Saeed the Pessoptomist* (Israel), *The Rouge of the North* (China), and *The House of Spirits* (Chile). Readings may vary at the discretion of the instructor.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **ENG-130 Introduction to Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-135 World Literature in English**

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-H135 World Literature in English**

Prerequisites:

WRI-102 or WRI-103. 3.3 GPA or Honors student

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South

Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Honors

- **ENG-141 Studies in British Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama from the British literary tradition, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-142 Studies in American Literature**

Credits:

4.00

Description:

Study of poetry, prose, and drama from the American literary tradition, with emphasis on close reading and literary analysis. Students will compose formal essays discussing the meanings and relationship between texts as well as the author's craft and relationship to the reader. Offered every semester.

Type:

Studies in Literature

- **ENG-151 Introduction to African-American Literature**

Credits:

4.00

Description:

Literature has the capacity to record and interrogate history in an imaginative and artistic context. African-American literature is a rich, varied, and complex body of literature that faces our tainted history directly. The authors we will read in this class examine slavery's long-term psychological and social effects while forging a literary history that is at once a part of and apart from American literary history more generally.

Type:

Studies in Literature

• ENG-152 Horror Fiction**Credits:**

4.00

Description:

This course focuses on the reading and analysis of horror literature and the ways in which horror reflects and represents personal and cultural anxieties. Readings will include both classic and contemporary authors, for example, Edgar Allan Poe, H.P. Lovecraft, Shirley Jackson, Stephen King, and others. Assignments will include analytical essays as well as creative writing.

Type:

Studies in Literature

• ENG-153 Literature of War**Credits:**

4.00

Type:

Studies in Literature

• ENG-155 Young Adult Literature**Credits:**

4.00

Description:

Young Adult Literature's recent explosion in popularity raises important questions about the stories it tells, the values it promotes, and the audiences it seeks. This course approaches the YA phenomenon as one with deep historical roots as well as contemporary cultural relevance. From nineteenth century classics to current series favorites, literary works focused on young people reframe perennially fresh narratives about coming of age, negotiating personal identity, and navigating a complex moral universe. This course also considers YA literature as part of an evolving network of writers, readers, publishers, critics and filmmakers.

• ENG-157 Poetry and Religion

Credits:

4.00

Description:

This course will use close readings to examine poetry as a heightened form of language seeking to make contact with divine sources of faith. We will consider poems that provide examples of the struggle to attain belief, as well as poems that deny belief. Language as both the grammar of ascent and the locus of descent. The position of human beings in relation to God, or the gods, or the absence of the divine.

Type:

Studies in Literature, Classics Minor

• ENG-161 Writing the American West

Credits:

4.00

Description:

In 1893, Frederick Jackson Turner famously declared that the American frontier (i.e., the West) had closed for good. To a certain extent, Jackson's proclamation was meant to demarcate the end of the 19th century. But perhaps more importantly, it marks the beginning of a distinctly American literature that began, ironically, by mourning its own demise. In this course, we will journey among some of the more significant signposts and detours that have marked Western U.S. literature in the 20th Century. Along the way, we will question just where, exactly, the West begins and ends (The Mississippi River? The Great Plains? The Rockies?), and think about whether or not Turner's frontier thesis continues to hold true (if it ever did). We will consider whether the broad rubric of The West is adequate to describe the various sub-regions within this portion of the United States, and we'll examine the genres which seem as if they could not have happened anywhere else. We will also interrogate differences in the literature across gender lines: how, if at all, does the literature written by men and by women differ? Above all, we will strive to come away with a deeper understanding of this vitally American, and vitally Wild literary place.

Type:

Studies in Literature

- **ENG-212 Introduction to Creative Writing**

Credits:

4.00

Description:

A study of the major genres in creative writing (poetry, fiction, and creative nonfiction) in which students will read as writers. Students will write a combination of analytical and original works, and learn the format and processes of writing workshops of writing workshops. Offered every semester.

- **ENG-213 English Literature I**

Credits:

4.00

Description:

Study of major writers of England from the beginning to the mid-18th century. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-214 English Literature II**

Credits:

4.00

Description:

Study of major English writers from the mid-18th century to the present. Regularly assigned essays on the reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-216 World Literature in English**

Prerequisites:

WRI-102 or WRI-103

Credits:

4.00

Description:

A study of literature written in English from cultures around the world, with emphasis on major modern and contemporary writers from countries such as Australia, Canada, India, Ireland, Nigeria, South Africa and the Caribbean. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct and persuasive writing. Offered every semester. Cultural Diversity B

Term:

Offered Both Fall and Spring

- **ENG-217 American Literature I**

Credits:

4.00

Description:

Study of major American writing from its origins through 1865. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

- **ENG-218 American Literature II**

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Studies in Literature

• ENG-H218 American Literature II**Prerequisites:**

WRI-102 or WRI-103

Credits:

4.00

Description:

Study of major American writing from 1865 through the present. Regularly assigned essays on reading provide the basis for individualized instruction in clear, correct, and persuasive writing. Offered every semester.

Type:

Honors

• ENG-266 Mad Men: Reading Visual Narratives**Credits:**

4.00

Description:

This course will focus on the cultural phenomenon of the TV Series Mad Men, considered by many to be the foremost example of Quality TV produced during the so-called golden age of television and engage with it on visual, cultural, literary and filmic levels. The basic premise of the course is that the

current practice of binge watching one's favorite shows should be a heightened experience rather than a guilty pleasure, one akin to reading a novel. Watching a complex and sophisticated TV narrative involves taking into account the viewer's positionality as a filmic consumer, textual critic and social commentator. The class will consider various theoretical approaches to television narrative, beginning with ideas gleaned from the discourse of visual literacy, and proceed by applying textual analysis adapted from the more traditional modes of literary studies and film analysis. A combination of critical and evaluative sources will be examined, including book-length studies of the series, individual essays based on the series' appeal to style, American popular culture, advertising, gender roles, race, and 60s nostalgia. Additionally, the recent phenomenon of the series recap will serve as the touchstone to the class's collective viewing of the series and students will be challenged to synthesize and assess these popular on-line critiques as they draft their own recaps and creative readings of the episodes. The entire first two seasons of Mad Men will be studied and the invaluable resource of director/producer commentaries will be incorporated into the study of the series with a view to acquiring critical insights and analytical skills that may be applied to other quality TV series that students currently enjoy watching.

• ENG-H266 Mad Men: Reading Visual Narratives

Prerequisites:

Restricted to CAS Honor Students

Credits:

4.00

Description:

This course will focus on the cultural phenomenon of the TV Series Mad Men, considered by many to be the foremost example of Quality TV produced during the so-called golden age of television and engage with it on visual, cultural, literary and filmic levels. The basic premise of the course is that the current practice of binge watching one's favorite shows should be a heightened experience rather than a guilty pleasure, one akin to reading a novel. Watching a complex and sophisticated TV narrative involves taking into account the viewer's positionality as a filmic consumer, textual critic and social commentator. The class will consider various theoretical approaches to television narrative, beginning with ideas gleaned from the discourse of visual literacy, and proceed by applying textual analysis adapted from the more traditional modes of literary studies and film analysis. A combination of critical and evaluative sources will be examined, including book-length studies of the series, individual essays based on the series' appeal to style, American popular culture, advertising, gender roles, race, and 60s nostalgia. Additionally, the recent phenomenon of the series recap will serve as the touchstone to the class's collective viewing of the series and students will be challenged to synthesize and assess these popular on-line critiques as they draft their own recaps and creative readings of the episodes. The entire first two seasons of Mad Men will be studied and the invaluable resource of director/producer commentaries will be incorporated into the study of the series with a view to acquiring critical insights and analytical skills that may be applied to other quality TV series that students currently enjoy watching.

Type:

Honors

- **ENG-301 Literary Criticism Seminar**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course seeks to answer the following questions. What is literature? Why do we study literature? What methods aid the study of literature? What are English Studies all about? This course extends reading and writing skills, and provides more specialized terms, knowledge, and approaches to prepare students for study at the junior and senior level. Topics vary from term to term. Student must have completed 80 credits or less Normally offered Fall and Spring semesters.

Term:

Offered Both Fall and Spring

- **ENG-311 Medieval Literature Survey**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to medieval literature, this course will focus on short readings from various genres, such as the lyric, chronicle, fable, with emphasis on the romance. The culmination of the course is a drama segment in which students can participate in a performance.

Term:

Occasional

- **ENG-312 English Grammar and Usage**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course provides a thorough review and analysis of the rules of standard English grammar and usage, including the debate between prescriptive and descriptive grammar, the origin and authority of the rules taught in school and in handbooks of English, and the insights of modern linguistics. Normally offered alternate years

Term:

Occasional

- **ENG-316 Fifth Century Athens**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to Periclean Athens, the golden age of classical Greek literature and thought. Close readings of selections from the historians Herodotus and Thucydides, the dramatists Aeschylus and Euripides, the poetry of Pindar, and Plato's great work on politics, The Republic. Cross-listed with History 336.

Term:

Occasional

Type:

Classics Minor

- **ENG-317 Classical Mythology**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Ancient Greek and Roman myths, their motifs, themes and interpretations. Normally offered every third year.

Type:

Classics Minor

- **ENG-320 Writing and Tutoring: Theory and Practice I**

Prerequisites:

WRI-102 or WRI-H103

Credits:

1.00

Description:

This course serves as the vehicle for training students who have been hired as writing tutors at CLAS. Students will be trained a one-on-one basis and will discuss a tutoring experience they have had in CLAS the previous week each class.

- **ENG-321 Writing and Tutoring: Theory and Practice II**

Prerequisites:

WRI-102 or WRI-H103

Credits:

1.00

Description:

This course is a continuation of ENG 320. This course serves as the vehicle for training students who have been hired as writing tutors at CLAS. Students will be trained a one-on-one basis and will discuss a tutoring experience they have had in CLAS the previous week each class.

- **ENG-323 Chaucer**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Close reading and discussion of the Canterbury Tales and Troilus and Criseyde against the background of the late Middle Ages. Normally offered alternate years.

Term:

Occasional

• ENG-324 Shakespeare's Comedies**Prerequisites:**

WRI-102 or WRI-H103

Credits:

4.00

Description:

Shakespeare's background and development as a dramatist through an examination of selected comedies. Collateral reading of the minor plays and Shakespeare criticism. Normally offered every third semester.

Term:

Occasional

• ENG-325 Shakespeare's Histories**Prerequisites:**

WRI-102 or WRI-H103

Credits:

4.00

Description:

Shakespeare's English and Roman history plays. Emphasis on Shakespeare's use of his sources and the plays in performance. Normally offered every third semester.

Term:

Occasional

- **ENG-E325 Service Learning Component**

Credits:

0.00

Description:

Service Learning Component

- **ENG-326 Shakespeare's Tragedies**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Shakespeare's major tragedies reflecting the range, resourcefulness, and power of his dramaturgy. Collateral reading in Shakespeare criticism. Normally offered every third semester.

Term:

Occasional

- **ENG-334 17th Century Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Representative selections of seventeenth-century poetry and prose, including Behn, Burton, Donne, Drayton, Dryden, Jonson, Milton, Pepys, Wroth, and others. Normally offered alternate years.

Term:

Occasional

- **ENG-337 18th Century English Novel**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

The beginnings of the realistic novel including the works of Defoe, Richardson, Fielding, Smollet, and Burney and considering the sentimental novel (Sterne) and the gothic novel (Walpole and Radcliffe). Normally offered alternate years.

- **ENG-343 19th Century English Novel**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Development of the Romantic and Victorian novel. Readings in major works of the Brontes, Dickens, Thackeray, Austen, Eliot and Hardy. Normally offered alternate years.

Term:

Occasional

- **ENG-344 English Romantic Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

The mind and spirit, poetics and poetry of Wordsworth, Coleridge, Byron, Shelley and Keats, along with selected prose. Normally offered alternate years.

Term:

Occasional

- **ENG-347 20th Century Female Gothic**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course focuses on Gothic literature by women writers, from its origins in the 18th century to the present, focusing primarily on 20th century writers. The novels, short stories, and films we will discuss involve haunted houses, secret chambers, madness, and other Gothic tropes. Writers to be studied will include Charlotte Bronte, Daphne du Maurier, Shirley Jackson, Jean Rhys, Angela Carter, and others.

- **ENG-348 Jane Austen**

Prerequisites:

Take WRI-102 or WRI-H103

Credits:

3.00

Description:

Introduces Jane Austen's major novels, including *Pride and Prejudice* and *Mansfield Park*, along with relevant current scholarship and contextualizing historical material. Contemporary parodies, updates, and film adaptations of Austen's work will also be considered. Topics to include the history of the novel, gender and authorship, and narrative theory.

- **ENG-352 Global American Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Explores American and African American literature in the context of cosmopolitan thought and revolutionary action. This course considers how writers balance their interest in building a national culture with their desire for global adventure and their concern for matters of race, gender, politics, and civil rights that transcend their time and place. Includes readings from the nineteenth and twentieth centuries as well as a contemporary American journalist's memoir about life in the Middle East.

Term:

Occasional

• ENG-353 Dwelling in American Realism**Prerequisites:**

WRI-102 or WRI-H103

Credits:

4.00

Description:

In-depth exploration of American Realism from the post-Civil War era to the pre-WWI era (roughly 1875 to 1915). Particular emphasis is given to the role of houses and material and consumer culture in the forging of American identity. Authors may include Howells, Twain, James and Wharton among others. Normally offered alternate years. Students will also visit authors' houses in the Boston area. This course requires prior approval in order to count towards the Women's and Gender Studies Minor. Students should consult with the instructor and the director of the WGS Minor no later than the first week of classes.

Term:

Occasional

• ENG-355 American Prose 1870 - 1920**Prerequisites:**

WRI-H103 (WRI-H103 requires a minimum grade of B+) or WRI-102

Credits:

4.00

Description:

The revolution in American literary consciousness between the Civil War and the First World War, and the transition from the traditional to the modern, in the work of Mark Twain, Henry James, Stephen Crane, Theodore Dreiser, and others. Normally offered alternate years.

Term:

Occasional

• ENG-356 Whitman and Dickinson**Prerequisites:**

WRI-102 or WRI-H103

Credits:

4.00

Description:

An investigation of the lives and works of two of nineteenth-century America's greatest and most original poets. Topics will include types of poetic language and formal structure, the work of the poetic imagination in transforming observations of the world into art, and the ways in which poets process the idea of death and the reality of war. Finally, this course examines Whitman and Dickinson's impact on American popular culture as well as on the writings of modern poets and literary critics.

Term:

Occasional

• ENG-357 African-American Literature I**Prerequisites:**

WRI-102 or WRI-H103

Credits:

4.00

Description:

African-American writing from the beginning through the present. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **ENG-360 Mid-20th Century American Fiction 1950-1975**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

The course will cover major works of American fiction from the period between World War II and the end of the American war in Vietnam. The course will consider fiction from the Beat Generation, New Journalism, the Black Arts Movement, and postmodernism as well as major writers who aren't easily classified. Possible authors include Ellison, Kerouac, O'Connor, McCarthy, Cheever, Roth, Updike, Didion, Mailer, Bellow, Bambara, Barth, and Pynchon.

Term:

Occasional

- **ENG-362 Asian American Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An introduction to selected Asian-American writers with an emphasis on socio-cultural issues, such as race, gender and ethnicity. Authors include Bulosan, Hwang, Jen, Kingston, Lee, Mukherjee, Odada, and Tan. Cultural Diversity A

Term:

Occasional

Type:

Asian Studies

- **ENG-363 Modern British Poetry**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Yeats, Eliot, Auden, Dylan Thomas, Philip Larkin, Seamus Heaney and Ted Hughes and the considerable achievements of other poets from WWI to the present, including the influences of the Georgians, the imagists and the new poets. Verse drama will also be considered.

Term:

Occasional

- **ENG-368 Modern British Drama**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Important playwrights and their productions: Wilde, Shaw, Galsworthy, Maugham, Synge, O'Casey, Coward, Osborne, Pinter, Beckett, Stoppard, Keatley, and others. Topics: "The New Woman," "Bright Young Things," "Angry Young Men," and more. Normally offered every third year.

Term:

Occasional

- **ENG-369 Modern American Drama**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Study of plays and productions from the late 19th century to the present. Playwrights included: Moody, Herne, Sheldon, O'Neill, Glaspell, Crothers, Treadwell, Sherwood, Kaufman and Hart, Saroyan, Odets, Williams, Miller, Albee, Mamet, among others. Significant performers, directors, theatre critics, Broadway culture, and popular theatre provide context.

Term:

Occasional

• ENG-370 Fiction Writing Workshop I**Prerequisites:**

ENG-212

Credits:

4.00

Description:

An intensive workshop in which the student will be required to write original fiction. The focus of the course will be on the student's own work, submitted on a weekly basis. The course will also provide the student writer with practical experience in matters of plot, character, dialogue, structure, etc. Normally offered annually.

Term:

Alternates Fall & Spring

• ENG-371 Creative Non-Fiction Workshop**Prerequisites:**

ENG-212

Credits:

4.00

Description:

For students interested in writing autobiography and/or other forms of the personal essay. Topics can include childhood, place, sexuality, religion, work, the nature of memory. The focus will be on the writing process, with students presenting work-in-progress to the class for discussion and revision. The student should plan to read models of creative non-fiction. Normally offered annually.

Term:

Occasional

• ENG-374 Drama Seminar**Prerequisites:**

WRI-102 or WRI-H103 with a minimum grade of B+

Credits:

4.00

Description:

Discussion and presentations on a pre-announced subject: a major playwright, a dramatic movement or genre, or the relation between script and performance. Normally offered every third year.

Term:

Occasional

• ENG-375 Poetry Writing Workshop I**Prerequisites:**

ENG-212

Credits:

4.00

Description:

An intensive workshop course in which the student will be required to write original poetry for each class meeting. The focus of the course will be on the student's own work. We will examine the highly individual processes of composition and revision, and the methods writers use to keep their own practice of poetry alive and well. We will also examine as many of the constituent elements of poetry as possible, from image and rhythm to line and structure. Normally offered annually.

Term:

Offered Both Fall and Spring

• ENG-376 Literary Publishing**Prerequisites:**

WRI-102 or WRI-H103

Credits:

4.00

- **ENG-387 Writing Women**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course studies 19th and 20th century women writers and questions the type of women who write, what they write about, and why they write. Themes we examine include domesticity, assimilation, and madness. Authors studied in the past have included Edith Wharton, Willa Cather, Anzia Yeziarska, Nella Larsen, and Sylvia Plath. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

- **ENG-388 Utopias and Dystopias**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course follows the spirit of utopian experimentation as it travels through the linguistic patterns and imaginative conditions of brave new worlds in literature. We will consider how utopian thinking allows writers to take creative license with political systems, social relations, gender roles, and racial identities, and to blur dividing lines between nature, technology, and culture as well as between Earth and the cosmos. Our readings will balance such foundational texts as Plato's Republic and More's Utopia with revolutionary works from the nineteenth through the twenty-first centuries, and conjure utopian dreams as well as dystopian worlds gone wrong. Selected works of literary criticism and films will also be included.

- **ENG-390 Writing Process and Revision**

Prerequisites:

Any ENG course except for WRI-101

Credits:

4.00

Description:

This course studies the expressive and cognitive approaches to the writing process through personal journal writing, metaphor use and a review of grammar and stylistics. Written assignments emphasize discovery and invention as well as the revising of academic prose. Normally offered every other year.

Term:

Occasional

- **ENG-392 Readings in Post-Colonial Literature**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

An Exploration of Post-colonial literature and how the empire writes back following the collapse of European colonialism. Special emphasis will be placed on the legacy of British Colonial rule and the contemporary use of literature and the English Language to both resist and problematize Eurocentric cultural assumptions. Authors studied will include E.M. Foster, Salman Rushdie, J.M. Coetzee, Anita Desai, Hanif Kureishi, and Zadie Smith, among others. Students will be introduced to Post-colonial critical theory and view film adaptations of literary texts.

Term:

Occasional

- **ENG-394 Critical Prose**

Prerequisites:

WRI-102 or WRI-H103 with a minimum grade of B+

Credits:

4.00

Description:

This course studies both the literary and rhetorical modes of expository essay writing. Readings will focus on the craft of writing, the art of revision and reflections on the reader-writer relationship. Students will be asked to analyze prose passages, compose critical essays and work in peer groups. Normally offered alternate years.

Term:

Occasional

• ENG-395 Rhetoric and Memoir**Prerequisites:**

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course examines the rhetoric of memoirs written primarily by international figures who seek to use personal stories to shape readers' perspectives on political issues. After a brief introduction to rhetorical theory and to the genre of memoir, this course will examine contemporary memoirs that address such issues as racism, sexism, religious extremism, war, and genocide.

Term:

Occasional

• ENG-396 Varieties of Workplace Writing**Prerequisites:**

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course studies a variety of workplace writing including summaries, memos, letters, directions, descriptions, reports and other technical and professional documents. Students may be required to complete certain assignments in collaborative teams. Document design and layout will also be emphasized. Normally offered alternate years

Term:

Occasional

• ENG-398 Boston: a City in Fiction

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Boston in novels from its beginning to the present: plan of the city, architecture, population, social classes, politics and human problems. Hawthorne, James, Howells, Jean Stafford, Edwin O'Connor, Dorothy West, and others.

Term:

Occasional

• ENG-399 Irish Literature

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

Writers of the Irish Literary Revival, from the 1890s to the 1930s. Readings from Yeats, Joyce, Synge, O'Casey, and O'Flaherty. The influence of Anglo-Irish history on Irish writers. Normally offered every third year.

Term:

Occasional

- **ENG-407 Literary Theory**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

A seminar on current approaches to the interpretation of literature, including psychoanalysis, deconstruction and feminist criticism. Students will experiment with making use of theory in analyzing selected literary texts.

Term:

Occasional

- **ENG-408 Modern Greek Literature in English Translation**

Prerequisites:

WRI-102 or WRI-H103 with a minimum grade of B+

Credits:

4.00

Description:

A survey of writings in Modern Greek from 1821 to the present exploring Hellenism and the Greek cultural identity. Authors studied will include Kostis Palamas, Georgios Vizyinos, Alexandros Papadiamantis, Stratis Myrivilis, Photis Kontoglou, Dido Sotiriou, George Seferis, Constantine Cavafy, and Odysseas Elytis. A section of the syllabus will be reserved for the Greek-American/diaspora writers Helen Papanikolas, Elia Kazan, Jeffrey Eugenides, Olga Broumas, and Tryfon Tolides. Films and music traditions will be sampled as well.

Type:

Classics Minor

- **ENG-409 Literary Bloomsbury: Woolf and Forster**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This class will engage with the major novels and selected literary writings of two of the twentieth century's most important modernist voices, Virginia Woolf and E.M. Forster. We will approach their writings within the intellectual framework of British modernism and the cultural context of the Bloomsbury Group out of which they emerged. Special attention will be paid to their theoretical writings on fiction as well as their respective contributions to feminism and queer theory. The class will also view cinematic adaptations of certain novels and discuss how these films have contributed to the enduring appeal and status of these texts as classics of twentieth-century fiction.

Term:

Occasional

- **ENG-410 From Pagan Reason to Christian Revelation**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

A survey of major works of literature and thought crucial to the transformation of pagan models of reason to Christian systems of belief, including works by Plato and Plotinus, St. Augustine and Dante. Of central concern is the changing conception of love, from Eros to Agape. Note: This course is cross-listed with HST 339.

Term:

Occasional

Type:

Classics Minor

- **ENG-421 Special Topics in Group 1: Approaches To English Studies**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 1 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-422 Special Topics in Group 2: Genre and Backgrounds**

Prerequisites:

Any 200-level English course

Credits:

4.00

Description:

A course that fits Group 2 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-424 Special Topics in Group 4: Literary History II : 1700-1900, American or British**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

A course that fits Group 4 of the English major requirements with varying subject matter. A interdisciplinary offering that features the writing of three of the late 19th century's greatest minds: Henry, the novelist who wrote *The Portrait of a Lady*, *Daisy Miller*, and *The Turn of the Screw*; William, the philosopher and psychologist who wrote *Principles of Psychology* (1890) and *Varieties of Religious Experience* (1902); and Alice, their sister, who became a feminist icon through her remarkable diary. A selection of these works will be explored alongside a James family biography.

Term:

Occasional

- **ENG-425 Special Topics in Group 5: Literary History III: 1900-Present American, British, Or World**

Prerequisites:

Any 200-level English course

Credits:

4.00

Description:

A course that fits Group 5 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-426 Virgil's Eclogues**

Prerequisites:

Any 200-level English course

Credits:

1.00

Description:

A study of these poems by the Roman poet with a focus on the issues of translation.

Term:

Occasional

- **ENG-428 Virgil's Aeneid: First Three Books**

Prerequisites:

Any 200-level English course

Credits:

1.00

Description:

A week by week reading of the Mesopotamian Epic that predates the Iliad by one thousand years, and is a masterpiece of heroic endurance and tragic insight. Discussions will be led by David Ferry, whose beautiful translation the class will use as text.

- **ENG-429 Classic Literature of the Underworld**

Prerequisites:

WRI-102 or WRI-H103

Credits:

1.00

Description:

This course will conduct close reading and discussion of selections from classical Greek and Roman texts, as well as from ancient Mesopotamian texts, highlighting passages that trace the descent to the underworld. Some of these readings include: the realm of the shades in Gilgamesh, the myth of Orpheus and Eurydice in Virgil, Homer's Odysseus and Achilles in Hades, the source of the River Styx in Pausanias.

- **ENG-430 Literature of the Vietnam War and the Post 9/11 Wars**

Prerequisites:

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course will examine some of the fiction, non-fiction, and poetry produced in response to the Vietnam War and the most recent war in Iraq. In addition to comparing the literature that has emerged from these two very different wars, these texts will also be examined in relation to peace studies, a field in which there is an emerging consensus that literature and the arts must play a central role in examining questions of war and peace.

Term:

Occasional

- **ENG-432 Classical Greek and Roman Poetry**

Prerequisites:

Any 200 level ENG course.

Credits:

1.00

Description:

A close reading of verse passages from various texts of narrative and lyric poetry. In particular the Roman absorption of, and resistance to, their Greek literary inheritance will be stressed.

- **ENG-440 The Odes of Horace**

Prerequisites:

Any 200-level English course

Credits:

1.00

Description:

This course represents a journey through the poetry of Horace, contemporary of Virgil and celebrated poet of the Pax Romana. Discussions will be led by David Ferry, whose beautiful translation of Horace's poetry the class will use as text.

- **ENG-470 Fiction Workshop II**

Prerequisites:

Any 200-level English course

Credits:

4.00

Description:

An intensive practical examination of plot, narrative, characterization, and style in the writing of fiction and/or creative non-fiction. Particular attention will be devoted to group discussion of weekly student writing assignments. Normally offered alternate years.

Term:

Alternates Fall & Spring

- **ENG-471 Advanced Nonfiction Workshop**

Prerequisites:

Any 200-level English course

Credits:

4.00

Description:

An advanced course in non-fiction writing that focuses intensively on developing non-fiction through weekly group discussions of student writing. Particular attention will be devoted toward deepening and expanding the range of possibilities available to non-fiction writers. Topics can include childhood, place, sexuality, religion, work, the nature of memory. The focus will be on the writing process, with students presenting work-in-progress to the class for discussion and revision. Normally offered annually.

- **ENG-475 Poetry Workshop II**

Prerequisites:

Any 200-level English course

Credits:

4.00

Description:

An intensive workshop course in which the student will be required to write original poetry for each class meeting. The focus of the course will be on both the quantity and quality of the student's own work. There will also be specific assignments in the many formal elements of the art. Written self-evaluations will also be required. Normally offered in alternate years.

Term:

Offered Spring Term

- **ENG-476 Salamander Practicum**

Prerequisites:

Take ENG-212

Credits:

4.00

Description:

Salamander is a nationally known professional literary journal published from the Suffolk University English Department. In the Salamander Practicum course, students serve as first evaluators of submissions to the magazine, including poetry, fiction, and memoir. They will compare and discuss their evaluations and make recommendations to the editorial board and assist with magazine production, marketing, and event planning. Students will study and write literary analyses of works included in Salamander and in other professional literary journals, such as Ploughshares, Agni, One Story, and the Harvard Review.

• ENG-490 Imperial Rome**Prerequisites:**

WRI-102 or WRI-H103

Credits:

4.00

Description:

This course offers an introduction to the Golden Age of Roman culture and power. Close readings of selections from major historians, poets, political thinkers, and philosophers will be examined in the context of Augustan Rome. Topics such as pietas, virtus, and gravitas, as well as the competing claims of public duty and private devotion, stoic maxim and erotic love lyric, will be discussed from the perspectives of writers such as Virgil, Livy, Tacitus, Horace, Catullus, and Lucretius. Note: This course is cross-listed with HST 304. Normally offered in alternate years.

Type:

Classics Minor

• ENG-510 Independent Study**Prerequisites:**

WRI-102 or WRI-H103

Credits:

1.00- 4.00

Description:

By special arrangement, a junior or senior may pursue an independent research project under the supervision of a faculty member. Consent of instructor and chairperson required. Offered every

semester.

Term:

Offered Both Fall and Spring

- **ENG-514 Internship in English**

Prerequisites:

WRI-102 or WRI-H103

Credits:

2.00

Description:

Individualized guidance in a career-related activity. Upper-class English majors may gain academic credit for work preparing them for an English-related career, provided that the work is monitored by a member of the English faculty. Department approval is required.

Term:

Occasional

- **ENG-515 Salamander Internship**

Prerequisites:

WRI-102 or WRI-H103

Credits:

1.00

Description:

A semester-long internship working with the Editor and Managing Editor of Salamander Literary Magazine. Students will gain experience in editing, layout, and production of one of two annual editions of Salamander.

- **ENG-H523 Honors Seminar in Group 3: Literary History I: Medieval to Renaissance**

Prerequisites:

ENG 213, 214, 215, 216, 217 OR 218 Admission By Invitation Only

Credits:

4.00

Description:

Honors seminar that fulfills Group 3 of the English major.

Type:

Honors

- **ENG-H524 Honors Seminar in Group 4: Literary History II: 1700 - 1900, American Or British**

Prerequisites:

ENG-213, 214, 215, 216, 217 OR ENG 218 Admission by invitation only

Credits:

4.00

Description:

Honors seminar that fulfills Group I of the English major.

Type:

Honors

- **ENG-H525 Honors Seminar in Group 5 Literary History III: 1900 - Present American, British, Or World.**

Prerequisites:

ENG 213, 214, 215, 216, 217, or ENG 218; Invitation only

Credits:

4.00

Description:

Honors seminar that fulfills Group I of the English major.

Type:

Honors

- **ENG-H555 Senior Honors Thesis**

Prerequisites:

Restricted to CAS Honors students or other English majors with a GPA of 3.5 or above in English courses admitted by application to the department by the end of their junior year.

Credits:

1.00- 3.00

Description:

Independent reading, research, and writing under the supervision of a full-time English faculty member. Restricted to CAS Honors students or other English majors with a GPA of 3.5 or above in English courses admitted by application to the department by the end of their junior year. Normally taken for 1 credit in the Fall and 3 credits in the Spring of senior year.

- **ENG-P099 ESL Reading/Writing II Portfolio**

Prerequisites:

To be taken concurrently with ENG-099

Credits:

0.00

Description:

Portfolio course for ENG-099

- **ENS-103 Introduction to Engineering**

Prerequisites:

ENS L103 MUST BE TAKEN CONCURRENTLY.

Credits:

3.00

Description:

This course provides exposure to engineering practice, with particular focus on electrical engineering components such as circuit elements and systems. It seeks to go beyond the mathematics and provide an intuitive appreciation of functional devices. Examples taken from a broad swath of technological history illustrate significant crossroads, decisions, and inventiveness. Emphasis is placed on learning to think as an engineer - assessment of problems, candidate solution tradeoffs, and

implementations. Frequent exercises in creative engineering design will be used. Students will be required to design several elementary devices, such as a magnet, a capacitor, a timing device, and a motor, which they will enter in a competition for overall strength, compactness, accuracy, or speed. Sometimes assignments relate to "survival on an island" concerns, such as communication or drinking water. Students also learn about reverse engineering by selecting, building, troubleshooting, and presenting an electronic kit of their choice. A term paper determining the engineering behind a topic of their choice will also be written and presented. On occasion (see ENS L103) there will be team competitions between various smaller groups in the class.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

• ENS-L103 Intro to Engineering Lab

Prerequisites:

Must be taken Concurrently w/ ENS-103

Credits:

1.00

Description:

The Lab is designed to provide opportunities to gain familiarity with engineering tools. Students will be introduced to parts (e.g. learn the resistor color code), test equipment (multimeters, prototyping trainers, signal generators, and oscilloscopes), and construction techniques (wiring, soldering, troubleshooting). Although it varies from year to year, Class Projects can be built during the Lab sessions. In the past these have included a 25 Watt electric generator, various door lock systems (both mechanical and electronic), and an AM transmitter and receiver (all projects made from scratch). It is likely that 2010-2011 may introduce some robotic creations for a competition. Electronic kits and motors can also be built and serviced in the Lab. There is an adjoining machine shop, which can be utilized (with supervision), for fabricating items. Individual creativity is encouraged, and informal problem solving sessions occasionally occupy lab time. However, the lab is accessible outside of the traditional scheduled time.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **ENS-201 Engineering Mechanics**

Prerequisites:

PHYS 151

Credits:

4.00

Description:

Forces, statics, and dynamics of rigid bodies, stress and strain analysis, kinematics, computer aided analysis. Focus on professional standards in practice for design of structures.

- **ENS-L202 Technical Communication**

Prerequisites:

WRI-102, PHYS 152 AND L152;

Credits:

4.00

Description:

Emphasis on clarity, precision, accuracy, and conciseness in scientific writing. Assignments include a team-based design-contest proposal, an oral presentation on current scientific topics, a team-based design of an experiment with a write-up and an oral presentation, a paper on engineering ethics concerning the Challenger and an instruction manual. Memo writing, summary writing, and resumes are also included.

Term:

Offered Fall Term

- **ENS-220 Design and Design Tools**

Prerequisites:

Take ENVE-104 and PHYS-151;

Credits:

4.00

Description:

This course applies design tools (AutoCAD primarily and others as necessary for specified design problems) to design problems specified by the instructor.

• ENS-333 Programming for Engineers

Prerequisites:

ENS L333 concurrently

Credits:

3.00

Description:

This course will introduce programming concepts in the context of solving engineering problems. Emphasis will be placed on applying the high-level programming skills learned to particular platforms such as embedded systems. Students will implement various microcontroller programming exercises as well as an end of the semester project.

Term:

Offered Spring Term

• ENS-L333 Programming for Engineers Lab

Prerequisites:

ENS 333 concurrently

Credits:

1.00

Description:

The Programming for Engineers lab is designed to supplement the Programming for Engineers Course.

• ENST-101 Environmental Studies

Credits:

4.00

Description:

An interdisciplinary course that focuses on the social science and humanities disciplines as they are related to the natural environment. Students will study texts from those disciplines to acquire a deeper understanding of the values and beliefs that underlie environmental issues. The course will also investigate the policy-making processes and institutions through which those issues are decided, and the social inequalities in the distribution of environmental problems. Texts to be studied will range from literature, philosophy and film to policy statements, impact reports, community advocacy materials, and investigative journalism.

• ENST-310 The Civilian Conservation Corps and the American Landscape

Prerequisites:

Class will meet for 75 minutes a week and then travel over spring break. Instructor's consent is required

Credits:

4.00

Description:

This course will focus on the history and lasting affect of the Civilian Conservation Corps (CCC) on the physical and political landscape of the United States. From 1933 to 1942 more than 3 million men served in the CCC, and this course will track the progression of their work from the planting of billions of trees to the development of recreational opportunities on federal and state lands. Over time, CCC work progressed from the conservation of natural resources to the conservation of human resources and promotion of recreation on public lands. As the CCC changed over time, so too did public opinion concerning the CCC's work and mission. This class will explore opposition to CCC projects by significant figures in America's environmental movement such as Aldo Leopold and Bob Marshall, and the resulting influence on the environmental movement in America. We will also look at the role the CCC played in redefining conservation and creating a mainstream environmental movement. In addition, this class will consider the affect that the CCC had on New Deal politics. Finally, this class will study the lasting legacy that the CCC left on the American landscape through the development of other conservation corps programs. Students will also read first hand accounts, view films, and possibly hear directly from a CCC veteran. As a class connected with an Alternative Spring Break trip, this experiential education offering will allow students to experience and complete similar work to that completed by CCC members. During Alternative Spring Break, students will visit important CCC history sites such as the first CCC camp in the country and a major national park development project. During the course, assignments will challenge students to identify CCC sites in Massachusetts or their home states. Local site visits are a possibility for this class. Other assignments will challenge students to identify modern environmental organizations who can trace their origins to the

Type:

Local Engagement Experience

• ENST-315 Foundations of Environmental Education

Credits:

4.00

Description:

This course will provide an overview of Environmental Education (EE) by looking at how EE has been defined, how the field has changed over time, and how our own connections with the environment can inform our understanding and practice of this work. Students will consider the goals of EE and the variety of approaches utilized in the field to reach those goals. Age appropriate environmental education, place-based education, and urban environmental education will also be studied.

- **ENST-321 Introduction to Permaculture**

Credits:

4.00

Description:

Permaculture is the design of food systems and social structures to provide for human needs while restoring ecosystem health. Examining the interconnections between environmental, social and economic components, Permaculture is informed by the disciplines of systems ecology, ecological design and ethno-ecology.

- **ENST-401 Environmental Studies Capstone Course**

Credits:

4.00

Description:

A course examining a contemporary environmental issue from various disciplinary perspectives. Using a case-study approach, students will develop a proposal to address the identified issue from the perspectives of policy, ethics, justice, science and culture. As appropriate, the proposal will be field tested, demonstrated, or presented to the local community. Possible topics include sustainable development, urban air pollution, sustainable farming, or water conservation.

- **ENST-402 Environmental Studies Capstone II**

Credits:

4.00

Description:

A continuation of ENST 401

- **ENST-403 Environmental Studies Practicum**

Prerequisites:

This class fulfills the Expanded Classroom Requirement. Junior standing or above required or consent of the instructor.

Credits:

4.00

Description:

This course combines a practicum placement of at least 10 hours a week for 12 weeks in a position that offered the student significant opportunity to learn about environmental problems as the basis for reflection, analysis, and skill development through appropriate reading, writing, and oral presentation assignments. Specific learning objectives will be tailored to the student's placement. Interested students should consult instructor in advance. ECR. 4 credits. Prerequisite: junior standing, limited to Environmental Studies majors and minors.

- **ENST-555 Senior Thesis**

Prerequisites:

Grade point average 3.0 overall, 3.4 in major; completion of a minimum of 8 credits in courses that are part of the Environmental Studies major at Suffolk University; consent of instructor.

Credits:

4.00

Description:

Individual program of reading, research, writing on an approved topic under the supervision of a member of the Committee on Environmental Studies, for Environmental Studies majors who are candidates for honors in Environmental Studies and who wish to prepare a thesis for submission to the honors committee. Must normally be taken in the first semester of the senior year. Prerequisites: Grade point average 3.0 overall, 3.4 in major; completion of a minimum of 8 credits in courses that are part of the Environmental Studies major at Suffolk University; consent of instructor. 1 term - 4 credits. Normally offered every fall.

- **ENVE-220 Design and Design Tools**

Prerequisites:

ENVE-104; PHYS-151

Credits:

4.00

Description:

This course applies design tools (AutoCAD primarily and others as necessary for specified design problems) to design problems specified by the instructor.

• ENVE-325 Geographical Information Science**Prerequisites:**

Approved computer programming course or permission of instructor.

Credits:

3.00

Description:

This course provides the fundamentals of geographic information science (GIS) including the history of automated mapping. A review of the necessary hardware and software elements used in GIS is presented. Hands-on exercises with computerized mapping software are required.

• ENVE-L325 Geographic Information Science Lab**Prerequisites:**

concurrently with ENVE 325

Credits:

1.00

Description:

Required companion computer laboratory to be taken concurrently with ENVE 325. Prerequisite: Approved computer programming course or permission of instructor.

• ENVE-361 Fluid Mechanics**Prerequisites:**

ENVE-104 AND MATH-265 AND PHYS-152

Credits:

4.00

Description:

The basic equations of fluid statics and dynamics are covered in this course. Course topics include Archimedes' principle, Bernoulli's equation, and their applications; fluid kinematics, Eulerian and Lagrangian flow descriptions, and Three-dimensional flows; Reynolds transport theorem, finite control volumes, and differential analysis and modeling; and viscous flow in pipes, flow over immersed bodies, and open channel flow.

- **ENVE-365 Hydrology**

Prerequisites:

ENVE 104 AND MATH 166 and ENVE 361.

Credits:

4.00

Description:

The following topics are considered in this course: the hydrologic cycle, precipitation processes, soil moisture, infiltration, groundwater, rainfall-runoff processes, utilization of water resources, and frequency analysis. Engineering Elective.

- **ENVE-375 Heat and Thermodynamics**

Prerequisites:

MATH-265 and PHYS-152

Credits:

4.00

Description:

This course covers the elements of thermodynamic systems, the laws of thermodynamics, the parameters and concepts of thermodynamic analyses (heat, work, internal energy, enthalpy, entropy, reversibility, more), and their application to ideal gases and heat engines. Topics include statistical mechanics, phase transitions, chemical equilibrium, Gibb's equation, the Nernst equation, and heterogeneous systems.

- **ENVE-410 Water and Wastewater Systems**

Prerequisites:

Take CHEM-112; Take ENVE-226, CHEM-355, OR Chem-211; Take ENVE-361; or permission of the instructor.

Credits:

4.00

Description:

This course considers the design of water and wastewater unit operations in treatment systems. Topics include water supply, water transmission and distribution systems, drinking water treatment, wastewater collection, and wastewater treatment.

- **ENVE-415 Green Engineering**

Prerequisites:

Take ENVE-361 and ENVE-375, CHEM 211 or ENVE 226

Credits:

4.00

Description:

This course presents the principles of green engineering and their application to process engineering, building design. Sustainable and renewable energy systems are a particular emphasis of the course. Topics include risk concepts, evaluating exposures, green chemistry, life cycle analysis, industrial ecology, and environmental sensors. Prerequisites: Organic Chemistry Option, ENVE 361, ENVE 375. CHEM 211 or ENVE 226 Engineering Electives. 1 term - 4 credits.

- **ENVE-510 Environmental Engineering Independent Study**

Credits:

1.00- 6.00

Description:

This is an independent study in environmental engineering. Topics will vary.

- **ENVS-111 Majors' Environmental Science**

Prerequisites:

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS L111

Credits:

3.00

Description:

Applies the fundamentals of science to environmental issues. Topics include population dynamics and resources, environmental degradation, ecosystems, geologic processes, deforestation, biodiversity, climate change, air, soil, and water resource management, and pollution and risks to health. This course is open to all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor. Must be taken concurrently with ENVS L111. 3 hours lecture. 1 term. 3 credits. Normally offered fall evenings.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

• ENVS-L111 Majors' Environmental Science Lab**Prerequisites:**

Open to Environmental Science and Environmental Studies majors, or by permission of instructor. Must be taken concurrently with ENVS 111

Credits:

1.00

Description:

Laboratory exercises are used to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips are required. This course is required for all environmental science and environmental studies majors and minors. Concurrent enrollment in ENVS 111 is required. 3 hour laboratory. Normally offered fall.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

• ENVS-112 Majors' Environmental Science II

Credits:

3.00

Description:

Topics introduced in ENVS 111 are further developed to focus on how environmental conditions affect human, animal and ecological health. Areas may include control of environmental contaminants; public health and infectious disease control; antibiotic resistance; health issues associated with food production; contained animal feeding operations; the effects of industrialization on the environment; and the impact of disasters on environmental health. This course is open to environmental science and studies majors and minors or by permission from the instructor. 3 credits. Normally offered spring evenings. Must be taken concurrently with ENVS L112

Term:

Offered Spring Term

• ENVS-L112 Majors' Environmental Science II Lab**Credits:**

1.00

Description:

Laboratory exercises are used to illustrate topics covered ENVS 112. Exercises may include analysis of environmental samples for heavy metal contamination and evidence of sewage contamination or air samples for criteria pollutants. Field trips are required. This course is required for Environmental studies majors and minors. 1 credit Normally offered in spring semester evenings. prerequisite: enrollment in ENVS 112

Term:

Offered Spring Term

• ENVS-436 Environmental Science Practicum**Prerequisites:**

This class fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Application of the principles and techniques of environmental science to a specific environmental problem through a practicum placement of at least 10 hours per week for 12 weeks. Typically, this experience will include literature research, classroom meetings, and field work in an off-campus environmental agency. ECR 1 term- 4 credits. Normally offered fall and spring. Prerequisite: junior standing; limited to Environmental Science majors and minors.

Term:

Offered Both Fall and Spring

• ENVS-510 Independent Study

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

This is an independent study in environmental studies. Topics will vary.

Term:

Offered Both Fall and Spring

• FR-101 Elementary French I

Credits:

4.00

Description:

Develops reading, writing, speaking, and listening skills. Explores audio-visual and textual materials based on French and Francophone cultural themes.

Term:

Offered Fall Term

• FR-102 Elementary French II

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

Continues to develop reading, writing, speaking, and listening skills. Explores audio-visual and textual materials based on French and Francophone cultural themes.

Term:

Offered Spring Term

Type:

Modern Language

• FR-201 Intermediate French I**Prerequisites:**

Instructor's consent

Credits:

4.00

Description:

Reviews grammar, practice speaking, and continues to explore authentic cultural and literary texts in this writing-intensive course. Examines short readings, films, and print media.

Term:

Offered Fall Term

Type:

Modern Language

• FR-202 Intermediate French II**Prerequisites:**

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continues to review grammar, practice speaking, and explore authentic cultural and literary texts in this writing-intensive course. Examines short readings, films, and print media.

Term:

Offered Spring Term

Type:

Modern Language

• FR-205 The Francophone World**Prerequisites:**

FR 202 or Instructor's consent

Credits:

4.00

Description:

Explores the francophone world through the study of short stories, print media, and film, by engaging with the rich textured and diverse francophone literary canon. Teaches advance notions of French grammar, write compositions, and the art of conversation related to cultural themes.

Term:

Alternates Fall & Spring

• FR-206 Composition, Conversation and Professional Development**Prerequisites:**

FR-202

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on

written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

- **FR-214 Marie Antoinette, Fashion Revolutionary**

Credits:

4.00

Description:

Explores the French Enlightenment and its culture leading up to the French revolution through a focus on one significant figure: Marie-Antoinette. Examines the relationship of female image and the body politic of eighteenth-century France. Considers the legacy of Marie-Antoinette as martyr and fetish object in the nineteenth and twentieth centuries, and focuses on her continuing relevance today. Topics include: women and power; fashion and self-representation; motherhood and domesticity; and revolution and gender iconography. All work in French.

Term:

Occasional

- **FR-216 Masterpieces of French and Francophone Literature in English Translation**

Credits:

4.00

Description:

Masterpieces of French and Francophone Literature in English Translation. Studies works translated into English by major authors from the Middle Ages to the present. Explores drama, fiction, and poetry from many regions of the world: Africa, Western Europe, North America, the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Studies in Literature

- **FR-220 French & Francophone Cinema**

Credits:

4.00

Description:

Discusses and deepens understanding of French and Francophone cinema from its origins in the late nineteenth century to the early twenty-first century. Explores early works from France, by the Lumiere Brothers and Georges Melies as well as contemporary films from France, Algeria, Burkina Faso, Canada, Haiti, and Senegal.

Term:

Occasional

• FR-306 Composition, Conversation and Advanced Grammar**Prerequisites:**

FR-202;

Credits:

4.00

Description:

This course enhances students' conversational and writing skills in French. Authentic language and formal writing skills are detailed. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. Advanced French grammar is stressed with a focus on written grammatical exercises. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne Programs.

Term:

Alternates Fall & Spring

• FR-309 Survey of French Literature I**Prerequisites:**

FR 202 or Instructors permission

Credits:

4.00

Description:

Analyzes and discusses canonical works of French literature from medieval times to the eighteenth century.

Term:

Offered Fall Term

Type:

Studies in Literature

• FR-310 Survey of French Literature II

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

Study, analyze and discuss canonical works of French-language literature from the nineteenth through the twenty-first centuries, as they relate to important events in the art, culture, and history of the Francophone world.

Term:

Offered Spring Term

Type:

Studies in Literature

• FR-313 Island Fictions Identity

Credits:

4.00

Description:

This class will explore the rich literary tradition of three Caribbean island-nations: Guadeloupe, Haiti, and Martinique. Class discussion will focus on a wide range of topics including: the different uses of Creole and French; the Negritude, Spiralisme, Antillanite and Creolite movements; the relationship between Africa and the African diaspora; gender and sexuality in the Caribbean; and postcolonial memory and post-colonial history as reflected in the work of prize-winning Caribbean women writers from the twentieth and twenty-first centuries. Normally offered alternate years. The class is taught in

English, and is cross-listed with the Black Studies Program as well as the Women's and Gender Studies Program.

• FR-314 Marie Antoinette, Fashion Revolutionary

Credits:

4.00

Description:

Explores the French Enlightenment and its culture leading up to the French revolution through a focus on one significant figure: Marie-Antoinette. Examines the relationship of female image and the body politic of eighteenth-century France. Considers the legacy of Marie-Antoinette as martyr and fetish object in the nineteenth and twentieth centuries, and focuses on her continuing relevance today. Topics include: women and power; fashion and self-representation; motherhood and domesticity; and revolution and gender iconography. All work in French.

Term:

Occasional

• FR-315 Mots Doux: Love, Lust and Literature

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

Explores the theme of love and its manifestation in representative works while being aware of the evolution of French Literature. Addresses various thematics that accompany a traditional survey of literature course such as critical discourse, aesthetic representation, literary movements, genre, construction of sexual identities, sexual politics as well as representations of ethnicity, class, and culture.

Term:

Occasional

Type:

Studies in Literature

- **FR-316 Masterpieces of Theatre**

Prerequisites:

Take FR-205 and FR-305 or instructor's consent

Credits:

4.00

Description:

Studies the major plays written in French from the seventeenth through the twenty-first centuries, with a focus on the socio-historical contexts in which the plays emerged. Analyzes and produces scenes from the plays, and reads and performs select scenes at the end of the semester. Explores authors such as Anouilh, Beckett, Cesaire, Genet, Ionesco, Marivaux, Moliere, Py, Racine, Reza, Sartre, and Schwarz-Bart.

- **FR-318 Face in the Mirror: Writing & Reflecting the Self in French**

Prerequisites:

FR-205 and FR-305 or Instructor's consent

Credits:

4.00

Description:

Examines literature in the French language focusing on memoir, essay, and autobiography. Read authors such as, Montaigne, Rousseau, Lamartine, Colette, Duras, Beauvoir, Le, Chamoiseau, Djébar, Conde, Ernaux, Genet, and Satrapi. Develops an appreciation of the differences between autobiography and autofiction. Explores the question of truth and the fallibility of memory.

Type:

Studies in Literature

- **FR-320 French & Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as

contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. All papers are written in French, and bi-monthly discussion sessions are conducted in French. Normally offered alternate years. Cultural Diversity B. 4 credits.

Term:

Occasional

- **FR-401 Special Topics in French and Francophone Studies**

Prerequisites:

FR-202

Credits:

4.00

Description:

Examines a range of topics in French and Francophone studies. Provides individualized guidance and promotes advanced-level research in the special topic area.

Term:

Occasional

- **FR-402 Internship in French-Speaking Workplace**

Prerequisites:

FR-101 and FR-102 and permission of instructor

Credits:

1.00- 4.00

Description:

Designed to enable students to work in a local organization in which the French language and/or Francophone culture is a focus. Libraries, cultural centers, embassies, restaurants and bakeries are some places where this independent study course will carry variable credit, depending on the number of hours devoted to the internship and the related academic work done by the student. Interested students should consult the instructor as they are applying for internships.

- **FR-410 Contemporary France**

Credits:

4.00

Description:

Studies a specific theme related to art, culture, history, literature and politics from the end of World War II to the present day.

Term:

Occasional

• **FR-422 Sejour Linguistique au CCFS-Sorbonne**

Prerequisites:

FR 201 and FR 202 or Instructor's Consent. Can take course for 1 term for 16 credits or 2 terms for 32 credits.

Credits:

4.00-16.00

Description:

Provides an immersion program in Vichy, France through a partnership with CCFS-Sorbonne, l'Universite de Paris IV. Students are housed with families, participate in excursions and take classes that are conducted entirely in French.

Term:

Offered Both Fall and Spring

• **FR-502 Honors Senior Thesis in French**

Prerequisites:

Senior Standing and permission of Dept. Chair.

Credits:

4.00

Description:

Undertakes a major research project completed under the supervision of a regular faculty member offered every fall semester.

Term:

Offered Fall Term

- **FR-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Pursues advanced studies in an area of particular interest under the supervision of a faculty member.

Term:

Occasional

- **FRST-319 Marie Antoinette: What Not to Wear**

Credits:

4.00

Description:

Explores the French Enlightenment and its culture leading up to the French revolution through a focus on one significant figure: Marie-Antoinette. Examines the relationship of female image and the body politic of eighteenth-century France. Considers the legacy of Marie-Antoinette as martyr and fetish object in the nineteenth and twentieth centuries, and focuses on her continuing relevance today. Topics include: women & power; fashion and self-representation; motherhood and domesticity; and revolution and gender iconography. All work in English.

- **FRST-320 French and Francophone Cinema**

Credits:

4.00

Description:

A survey of French and Francophone cinema from the late 19th century to the early 21st century. We will explore early works from France by the Lumiere brothers and George Melies, as well as contemporary films from France and French-speaking countries, such as Algeria, Burkina Faso, Canada, Haiti, Senegal. Class meetings will be held jointly with FR 320. All written assignments and class meetings are in English. Bi-monthly discussion sessions are in English. Normally offered alternate years. Cultural Diversity B.

- **FS-103 Introduction to Forensic Science**

Prerequisites:

FS-L103

Credits:

3.00

Description:

Application of the principles of forensic science in evaluating physical evidence, with emphasis on its role in criminal investigation. Class experiences may include guest lectures and field trips. 3-hour lecture. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **FS-L103 Introduction to Forensic Science Lab**

Prerequisites:

FS 103 concurrently

Credits:

1.00

Description:

Laboratory experiences related to the collection and analysis of physical evidence as performed by forensic science professionals. Experiments may include forensic microscopy, drug analysis, forensic serology, physical patterns, fingerprint and firearm evidence analysis techniques. 3-hour laboratory. Normally offered Fall

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **FS-303 Introduction to Forensic Science**

Credits:

3.00

Description:

Application of the principles of forensic science in evaluating physical evidence, with emphasis on its role in criminal investigation. Class experiences may include guest lectures and field trips. 3-hour lecture. Normally offered Fall/Spring Does not satisfy University Natural Science requirement.

Term:

Offered Both Fall and Spring

- **FS-L303 Introduction to Forensic Science Lab**

Prerequisites:

FS 303 concurrently and instructor's permission

Credits:

1.00

Description:

Laboratory experiences related to the collection and analysis of physical evidence as performed by forensic science professionals. Experiments may include forensic microscopy, drug analysis, forensic serology, physical patterns, fingerprint and firearm evidence analysis techniques. 3-hour laboratory. Normally offered Fall/Spring.

Term:

Offered Both Fall and Spring

- **FS-428 Criminalistics Practicum**

Prerequisites:

Instructor's permission is required for registration

Credits:

1.00- 4.00

Description:

The practicum involves participation in government crime laboratories, private forensic laboratories, private analytical chemical laboratories (including biomedical laboratories), a forensic science project at Suffolk University or other laboratories where the student can demonstrate that he or she can acquire skills applicable to forensic analysis. Students are encouraged to seek a practicum sponsor that suits his/her skills and interests; assistance may be provided by the Forensic Science Program Director. Participation at the laboratories is subject to requirements of the particular laboratory and will be open only to those students approved by the Forensic Science Director. Development of a research report and poster presentation to the department are required elements. Depending on the project undertaken, students may obtain ECR credit.

Term:

Offered Both Fall and Spring

• FS-429 Criminalistics Practicum II

Prerequisites:

Instructor's permission is required for registration

Credits:

1.00- 4.00

Description:

The practicum involves participation in government crime laboratories, private forensic laboratories, private analytical chemical laboratories (including biomedical laboratories), a forensic science project at Suffolk University or other laboratories where the student can demonstrate that he or she can acquire skills applicable to forensic analysis. Students are encouraged to seek a practicum sponsor that suits his/her skills and interests; assistance may be provided by the Forensic Science Program Director. Participation at the laboratories is subject to requirements of the particular laboratory and will be open only to those students approved by the Forensic Science Director. Development of a final research report and oral presentation to the department and the SU community are required elements. Depending on the project undertaken, students may obtain ECR credit.

• GER-101 Elementary German I

Credits:

4.00

Description:

Practice in both oral and written language skills using German culture as background for language study. Emphasis on active use of German to master structure, pronunciation and vocabulary. One language laboratory session per week.

Term:

Offered Fall Term

• GER-102 Elementary German II

Prerequisites:

Ger-101 or instructor's permission

Credits:

4.00

Description:

Continuation of skills development from 101. One language laboratory session per week.

Term:

Offered Spring Term

Type:

Modern Language

• GER-201 Intermediate German I

Prerequisites:

GER 102 or instructor's consent

Credits:

4.00

Description:

Four-skills approach (speaking, listening, reading, writing) utilizing authentic texts, recordings, and visual media. Grammar review, vocabulary expansion, and intensive practice. One language laboratory session per week.

Term:

Offered Fall Term

Type:

Modern Language

- **GER-202 Intermediate German II**

Prerequisites:

GER 201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 201. One language laboratory session per week.

Term:

Offered Spring Term

Type:

Modern Language

- **GER-216 Masters of German Literature in English Translation Masterpieces**

Credits:

4.00

Description:

Discussion of works by major authors from the 18th century to the present. Drama, fiction, and poetry. The specifically German contributions as related to the European context. Lessing, Goethe, Schiller, Heine, Buchner, Schnitzler, Kafka, T. Mann, Hesse, Brecht, Seghers, Grass, Boll, Wolf and/or others.

Term:

Occasional

- **GER-303 Advanced Conversation**

Prerequisites:

GER 202, or Instructors consent

Credits:

4.00

Description:

Further development of speaking ability in various contexts (e.g., informal conversation, debate, discussion of current events in the German-speaking countries). Short texts and audio-visual materials as a basis for classroom activities.

Term:

Occasional

• GER-304 Advanced Composition**Prerequisites:**

GER 202 or consent of the instructor

Credits:

4.00

Description:

Additional training in writing German. Practice in various modes (e.g., essay, poetry, dramas, short fiction). Some translation into English. Special attention paid to grammatical points where needed.

Term:

Occasional

• GER-306 German Cinema**Credits:**

4.00

Description:

A survey of films produced in the German speaking countries from the 1920's to the present. Includes the Weimar republic, the Nazi period, postwar production from both East and West Germany, and new trends since reunification. Film esthetics and socio-historical context. All films shown in German with English subtitles.

Term:

Occasional

• GER-412 Contemporary Germany

Credits:

4.00

Description:

A survey of German culture, politics, and society from the end of World War II to the present day. Discussion of such topics as the post-fascist mentality, economic efficiency, re-education, Americanization, division and its legacy, high culture, entertainment for the masses, environmental movements, pacifism, and multiculturalism. Taught in English.

Term:

Occasional

• GER-510 German Independent Study**Prerequisites:**

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Students meet with a departmental faculty member to pursue advanced studies in areas of particular interest to them.

• GR-101 Elementary Ancient Greek**Credits:**

4.00

Description:

An introduction to the basic syntax and vocabulary of Ancient Greek with an emphasis on reading some modified passages from genuine Ancient Greek texts as soon as possible. No background in grammar or Greek is assumed.

Term:

Offered Fall Term

Type:

Classics Minor

- **GR-102 Ancient Greek II**

Prerequisites:

GR-101

Credits:

4.00

Description:

A continuation of GR 101. During the semester we will complete our introduction to Ancient Greek and begin to read continuously a classic work of poetry, history, or philosophy in the original.

Term:

Offered Spring Term

Type:

Classics Minor

- **GVT-005 Summer Campaign Lab**

Prerequisites:

Instructor consent required

Credits:

0.00

Description:

This non-credit, two-week intensive certificate will combine in-depth training on building and running a successful campaign, with site visits to leading political strategy and non-profit agencies. Students will broaden their network meeting leaders in government, public policy, and non-profits by participating in evening speaker series and networking events. Evening teamwork will culminate in a final campaign plan to be presented on the final day of the program.

- **GVT-110 Introduction to American Democracy**

Credits:

4.00

Description:

An introduction to the American political system and constitutional framework. Focus will be on the interplay of various institutions (the Presidency, Congress and the Judiciary) in creating public policies. Contemporary public issues will be discussed, as will the role of political theory in shaping American democracy. Attention will be given to the role of the news media, public opinion, political ideology, political parties and interest groups in the American system.

Type:

Human Behavior & Societies

• GVT-H110 Honors Intro to American Democracy

Credits:

4.00

Description:

Special honors section of GVT 110. Offered every fall.

Type:

Honors

• GVT-115 Evolution of the Global System

Credits:

4.00

Description:

The goal of this course is to introduce the student to the main actors, social facts and processes that shaped the international system in the nineteenth and twentieth centuries. By analyzing the spread of industrialization, the race for colonies, the thrust of imperialism, and the rapid growth of nationalism, among other factors, this course explains the contradictory and simultaneous trends of unprecedented levels of prosperity and violence in Europe and beyond. While the course examines the role of the United States in the international system, particularly in light of its dominant role since the early twentieth century, it also emphasizes the developments taking place in other regions such as Asia, Africa and Latin America. This will allow students to understand the global arena as a space of complex interconnections involving varieties of forms of production, national political cultures and idiosyncratic traditions. This course sets the foundations for other courses in International Relations and Regional Studies

Type:

Human Behavior & Societies

- **GVT-120 Research Methods**

Credits:

4.00

Description:

Students will learn how to read and analyze political science research. Focus will be on the use of the scientific method for research on politics and government. Students will learn how to effectively access information for research in political science and learn the steps in writing a research paper, including developing the research question, writing a literature review, selecting a research design, and how to properly cite sources. Students will develop an understanding of approaches to researching and measuring political phenomena.

- **GVT-H120 Honors Research Methods**

Credits:

4.00

Description:

A special honors section of Research Methods. Students will be introduced to the subfields of political science and learn to analyze political writings. Focus will be on the use of the scientific method for research on politics and government. Students will learn the steps in writing a research paper, including developing the research question and selecting a research design. Attention will be given to the use of statistical analysis and public opinion polling in political research.

Type:

Honors

- **GVT-201 Data Analysis and Politics**

Prerequisites:

Sophomore Standing GVT 110 and 120 and Math 128 or higher.

Credits:

4.00

Description:

Quantitative analysis is quickly changing the way we understand and engage in politics, how we implement policy, and how organizations across the world make decisions. In this course, we will learn the fundamental principles of statistical inference and develop the necessary programming skills to answer a wide range of political and policy oriented questions with data analysis. Who is most likely to

win the upcoming presidential election? Do countries become less democratic when leaders are assassinated? Is there racial discrimination in the labor market? These are just a few of the questions we will work on in the course.

Type:

Quantitative Analysis

- **GVT-204 Women in American Politics**

Credits:

4.00

Description:

An examination of women's place in the Constitution; policy concerns; and political participation. Attention will be given to women's societal roles and attitudes towards women of different classes and races and the ways in which these roles and attitudes influence women's political participation. Attention will also be given to the theories and perspectives of the current women's movement as they influence policy considerations. Cultural Diversity A

- **GVT-208 Politics / Religion**

Credits:

4.00

Description:

This course explores what major religions say about the status and responsibilities of the state and how, in turn, selective states have, in theory and practice, structured the place of religions in political life. Particular attention is given to issues of politics and religion in the United States. Cultural Diversity A

- **GVT-223 American Politics & Institutions**

Prerequisites:

GVT 110 or GVT 120 or instructor's permission

Credits:

4.00

Description:

This course will provide an examination of the institutions that are involved in the American policy-making process. The student will learn about the presidential, (as opposed to the parliamentary) system that exists in the United States. The course will focus on a relationship between the President and Congress and how that relationship impedes or facilitates the public policy process, including the budgetary process. The course will include a discussion of the president's role as head of the executive branch, and the implementation of congressional policies. Attention will be given to the role of the judiciary in the policy process. Normally offered every year.

• GVT-224 Introduction to Public Policy

Prerequisites:

GVT 110 and GVT 120 or instructor's permission

Credits:

4.00

Description:

An introduction to the process by which public policies are made in the United States. The class will focus on agenda-setting and policy formulation at the federal level, and will include a discussion of the various actors in governmental institutions that impact public policy. Several policy issues will be used as examples to illustrate the process. Some comparisons will be made to state and local policymaking. Normally offered every year.

• GVT-225 U.S. Constitutional Law & Civil Liberties

Credits:

4.00

Description:

This course examines a range of contemporary issues introducing students to the U.S. Constitution and the fundamental concepts of constitutional law. Students discuss and analyze topics including separation of powers, federalism, freedom of speech, the death penalty, gun control, and civil rights. We will explore current constitutional challenges and their relationship to law and society.

• GVT-244 Civil Liberties

Prerequisites:

Not open to Freshmen

Credits:

4.00

Description:

Analysis of Supreme Court decisions in regard to political and civil rights including freedom of speech, press, assembly and religion, obscenity, race and sex discrimination, and criminal procedure. Normally offered every year.

- **GVT-245 Courts, Public Policy, and Legal Research**

Credits:

4.00

Description:

This course examines the public policy-making role of the court system and examines questions such as whether and how courts can spur political and social reform. The direct and secondary effects of key court decisions will be examined. Case studies may focus on issues like civil rights and pro-choice court cases and political activism. The course will also examine the basics of policy-related legal research.

- **GVT-247 Intellectual Property- Authors, Inventors, & Brands**

Prerequisites:

GPA at least 3.3

Credits:

4.00

Description:

Are Neanderthal genes patentable? May a fan write Harry Potter 8? Could Amazon.com shut down Amazon Books, a women's bookstore? Is there copyright in a student's class paper? Why does so much copyrighted stuff stay up on YouTube? Can a video game company own its employees' ideas? This friendly, interactive introduction to intellectual property gives the lay of the land, covering the fundamental pillars of copyrights, patents, trademarks, and trade secret, and more far-reaching topics like international and internet intellectual property, and indigenous people and IP. The course is open to all majors, because it is relevant to anyone who deals with creative works, inventions, discoveries, or business. This undergraduate course will be taught at the Suffolk Law School by a member of its faculty. To register students must have a GPA of 3.3 or permission of the instructor. There will be several quizzes and a final exam.

Type:

Arts Admin Minor Elective

- **GVT-H247 Intellectual Property- Authors, Inventors, & Brands**

Prerequisites:

GPA at least 3.3 or Honors student only.

Credits:

4.00

Description:

Are Neanderthal genes patentable? May a fan write Harry Potter 8? Could Amazon.com shut down Amazon Books, a women's bookstore? Is there copyright in a student's class paper? Why does so much copyrighted stuff stay up on YouTube? Can a video game company own its employees' ideas? This friendly, interactive introduction to intellectual property gives the lay of the land, covering the fundamental pillars of copyrights, patents, trademarks, and trade secret, and more far-reaching topics like international and internet intellectual property, and indigenous people and IP. The course is open to all majors, because it is relevant to anyone who deals with creative works, inventions, discoveries, or business. This undergraduate course will be taught at the Suffolk Law School by a member of its faculty. To register students must have a GPA of 3.3 or permission of the instructor. There will be several quizzes and a final exam.

Type:

Arts Admin Minor Elective, Honors

• GVT-253 State and Local Government**Prerequisites:**

GVT 110/120 OR INSTRUCTOR'S CONSENT

Credits:

4.00

Description:

The development, structure and functions of state governments with emphasis on the government of Massachusetts; the various forms of local government in cities and towns; analysis of the relationships between local, state and federal governments. Normally offered alternate years.

• GVT-261 Theory & Practice of International Relations**Prerequisites:**

GVT 110, GVT 115, and GVT 120 or consent of instructor.

Credits:

4.00

Description:

Review of major approaches to the study of international relations. Definition of concepts such as power, nationalism, imperialism, and dependency. Special attention to the use of force and conflict resolution. Special class project. Normally offered every year.

- **GVT-275 Ancient & Medieval Political Theory**

Credits:

4.00

Description:

This course examines the political ideas of major thinkers of Western civilization, beginning with the ancient Greek philosophers and continuing through the 14th Century. Theorists studied (in English translation) include, among others, Plato, Aristotle, Thucydides, Cicero, Augustine, Thomas Aquinas, and Christine de Pizan. One term, 4 semester hours.

- **GVT-276 Modern Political Theory**

Prerequisites:

Sophomore standing

Credits:

4.00

Description:

This course examines the political ideas of the major thinkers of Western civilization from the time of Machiavelli to the present. Theorists studied (in English translation) include, among others, Machiavelli, Bodin, Hobbes, Locke, Rousseau, Kant, Mill, Marx, Wollstonecraft, Beauvoir, and Dewey. One term, 4 semester hours. No Prerequisites.

- **GVT-278 Literature & Politics**

Credits:

4.00

Description:

This course will examine novels with an expressed political theme introduced by the author. The theme may be either a central part of the plot, or secondary to the main plot. The class will focus on American

as well as foreign works. The class is open to non-majors. Normally offered alternate years.

- **GVT-279 Minority Politics in the United States**

Prerequisites:

Sophomore Status Required

Credits:

4.00

Description:

This course is designed to provide an intensive survey of minority politics in the political development of the United States. We will focus on the historical and contemporary experiences of several groups in American politics. In particular, the course will look at four groups that, for reasons of race, have been subjected to systematic discrimination and political subordination in U.S. history: American Indians, African Americans, Latino Americans, and Asian/Pacific Americans. In this course we will work toward an understanding of American politics from the point of view of politically active and engaged persons of color. This course will also take a close look at the future of race and ethnicity in American politics. It is a fundamental premise of this course that an understanding of race and minority politics is necessary to comprehensively understand American political development and many important issues in contemporary American politics. Cultural Diversity A

- **GVT-281 Intro to Comparative Politics**

Prerequisites:

GVT 110, GVT 115, and GVT 120 or consent of instructor; Sophomore status or higher

Credits:

4.00

Description:

This course examines various methods of comparing political systems. Institutions such as executive departments, legislatures, court systems and local governmental systems are examined comparatively. It includes analysis of the impact of different economic systems on political/governmental institutions, and on economic circumstances that impact government. It also looks at political socialization both in terms of process and comparative content. An effort is made to include countries from all regions of the world. Normally offered every year.

- **GVT-H281 Honors Intro to Comparative Politics**

Prerequisites:

GVT 110 and GVT 120 or consent of instructor.

Credits:

4.00

Description:

This course examines various methods of comparing political systems. Institutions such as executive departments, legislatures, court systems and local governmental systems are examined comparatively. It includes analysis of the impact of different economic systems on political/governmental institutions, and on economic circumstances that impact government. It also looks at political socialization both in terms of process and comparative content. An effort is made to include countries from all regions of the world. Normally offered every year.

Type:

Honors

- **GVT-284 Intro to Peace & Conflict: Horn of Africa & International Security**

Credits:

4.00

Description:

This course analyzes both ongoing and potential conflicts as well as conflict fault-lines in the Horn of Africa region and their implication to International Security. It inquires into the nature of regional conflicts and security complexes and explores ways of resolving them in a peaceful manner. In so doing, it examines such international security threats as state failure, Islamic terrorism, and piracy in the light of the dynamics and evolution of the debates on International Security as well as the transformations in the main global, continental, and regional security institutions such as UN, AU, and IGAD. Based upon International Relations perspectives, it analyzes the traditional definitions of security at the national, regional and international levels of analysis since 1945. Likewise, it studies how states and international institutions have revisited the concepts, policies and strategies of security in the post Cold War and post 9/ 11 world, from realist perspectives to the Copenhagen School of security studies.

- **GVT-306 Women & Public Policy**

Credits:

4.00

Description:

This hybrid course will examine the political leadership and influence of women within political institutions and on public policy. The course is divided into two parts: Part 1 will examine women in politics, with particular attention given to the intersectional realities of race, class, gender identity, and ideological orientation. Specific policy areas, including reproductive choice, housing, pay equity, and domestic relations, will be discussed in Part 2. Prerequisite: Open to non-majors; not open to freshmen. Normally offered alternate years. Cultural Diversity A

• GVT-307 Globalization of Gender Politics

Prerequisites:

Not open to freshmen

Credits:

4.00

Description:

This course examines the interaction between gender and globalization. It discusses the centrality of gender in international development by focusing on gender as one of the most critical factors that affect the success or the failure of globalization. Critically reviewing general theories of globalization, the course presents a historical overview of gender and development. It then explores selected topics: global restructuring and feminization of the labor force, gender in multinational corporations, gender and international migration, sex-tourism, AIDS, and the impact of the state, religion, and culture in creating social dislocations and inequalities. Finally, we will consider strategies of change and diverse forms of resistance by women. Offered as needed. Cultural Diversity B

• GVT-308 International Security

Prerequisites:

GVT 281 and GVT 261

Credits:

4.00

Description:

This course examines the dynamic evolution of the debates on International Security as well as the transformations in the main global and regional security institutions such as UN and NATO. Based upon International Relations perspectives, it analyzes the traditional definitions of security at the national, regional and international levels of analysis since 1945. Likewise, it studies how states and international institutions have revisited the concepts, policies and strategies of security since the end of the Cold War and after the September 11 events, from realist perspectives to the Copenhagen School of security studies. Offered every year.

• GVT-309 Transitional Justice

Prerequisites:

Junior status or higher

Credits:

4.00

Description:

This course introduces the concept and practices of transitional justice, which addresses current and past human rights violations. We review the various mechanisms of transitional justice, including: criminal prosecution; lustrations; truth and reconciliation commissions; reparations; and apologies. Our focus will be on understanding the nature of the political and moral dilemmas encountered by countries that consider and apply these mechanisms. We will consider broad theoretical questions as well as specific examples (e.g., Germany after the Holocaust; The South African Truth and Reconciliation Commission; The International Criminal Tribunal for the Former Yugoslavia and for Rwanda). The course will also emphasize the practical implications of transitional justice: how do we empirically measure the effects of transitional justice; what is the role of traditional mechanisms of justice; how does one balance between the global human rights regime and local realities; what is the relationship between gender and religion and transitional justice; and, what is the role of transitional justice mechanisms in conflict resolution.

• GVT-H309 Transitional Justice

Prerequisites:

Junior status or higher, CAS Honors Program

Credits:

4.00

Description:

This course introduces the concept and practices of transitional justice, which addresses current and past human rights violations. We review the various mechanisms of transitional justice, including: criminal prosecution; lustrations; truth and reconciliation commissions; reparations; and apologies. Our focus will be on understanding the nature of the political and moral dilemmas encountered by countries that consider and apply these mechanisms. We will consider broad theoretical questions as well as specific examples (e.g., Germany after the Holocaust; The South African Truth and Reconciliation Commission; The International Criminal Tribunal for the Former Yugoslavia and for Rwanda). The course will also emphasize the practical implications of transitional justice: how do we empirically measure the effects of transitional justice; what is the role of traditional mechanisms of justice; how does one balance between the global human rights regime and local realities; what is the relationship between gender and religion and transitional justice; and, what is the role of transitional justice mechanisms in conflict resolution.

Type:

Honors

• GVT-310 Global Political Economy

Prerequisites:

GVT 281 and GVT 261 or instructors consent

Credits:

4.00

Description:

This course explores the main premises and approaches to study Global Political Economy. After analyzing the history and development of the international system, it studies how states and markets are interconnected in the creation and reform of economic and political international institutions in the globalization process. It also focuses on the most acute problems of the current international system in the area of IPE, namely, environmental degradation, external debt, poverty, increasing gap between rich and poor countries, and trade conflicts. Offered every year.

• GVT-311 Politics of the Arab-Israeli Conflict

Prerequisites:

Open to Juniors and Seniors

Credits:

4.00

Description:

An analysis of the origins and the local, regional, and international dimensions of the Palestinian-Israeli-Arab conflict, this course will examine the conflict through the eyes of the major protagonists and the roles played by them from the early twentieth century to the present: Zionists/Israelis, Palestinians and other Arabs, British, Americans, Soviets. We will also explore the questions of why this conflict has captured the world's attention and why it has gone unresolved since World War II. Finally, we will examine the possibilities and attempts for resolution of what appears to be an intractable human tragedy.

• GVT-323 Political Survey Research

Prerequisites:

OPEN TO JUNIORS & SENIORS

Credits:

4.00

Description:

Everything needed to design, carry out, and interpret a political survey. Topics covered will include questionnaire design, sampling, interviewing, coding data, and univariate and bivariate analysis of the results. Multivariate analysis will be discussed but not studied in-depth. An actual survey will be conducted as a class project. Normally offered every year.

• GVT-334 Law, Food, Tobacco, Politics & Corporations**Credits:**

4.00

Description:

Corporations, which are one of the dominant institutions of the early 21st century, are driven not by the public good, but by the profit motive. Decisions made by two industries dominated by corporations, the food industry and the tobacco industry, have a tremendous negative impact on America's public health. What, if anything, can be done to counteract the harm caused by Fast Food & Big Tobacco?

• GVT-335 Law, Politics and Public Health**Credits:**

4.00

Description:

Law is one of the primary tools used to protect public health in the United States. This course will use various case studies (tobacco industry, food industry, health care policy, etc.) to explore innovative uses of the law in diverse areas related to public health. Students will learn about the ways in which attorneys, public officials, politicians, and public health practitioners work together to make public health policy. Normally offered alternate years.

• GVT-337 Public Policy & Business**Prerequisites:**

Not open to freshmen

Credits:

4.00

Description:

Public policy-makers' interests in formulating and implementing policy in the areas of environmental protection, consumer protection, equal employment opportunity, health care, taxation and competition with a focus on business responsibility will be critically analyzed. Costs and benefits to the public and business will be evaluated. Prerequisite: Open to non-majors; not open to freshmen. Normally offered alternate years.

• GVT-339 Community Advocacy**Prerequisites:**

GVT 110 OR GVT 120

Credits:

4.00

Description:

This course represents a unique opportunity for students to develop a general understanding of the relationship between politics and the community; a systematic and holistic way of viewing and analyzing the impact of community- based, community-wide organizations and efforts. Normally offered alternate years.

• GVT-340 Moot Court**Credits:**

4.00

Description:

Moot Court consists of simulated arguments in front of the Supreme Court of the United States. Students brief approximately 20 Supreme Court cases and apply them to a hypothetical case before the Court. Students form written and oral arguments based on two constitutional questions in the hypothetical. Two person teams will develop legal oral arguments in favor of their clients. Students learn how to compose written briefs, develop a knowledge of case law, learn how to effectively respond to questioning, and develop forensic skills, and courtroom demeanor. Moot Court is a great preparation course for undergraduate students planning to attend law school.

• GVT-345 Public Policy Writing**Credits:**

4.00

Description:

This course provides an introduction to the importance of written communication in the public discourse and in public decision-making. The course will examine some of the tools for producing relevant, useful material in the professional public policy analysis arena. The course will also study the various kinds of written communication the policy makers and advocates regularly utilize. The course also provides an introduction to the constraints that surround effective communication in public policymaking. Students will engage in drafting several different kinds of public policy analyses.

• GVT-346 The American Presidency

Prerequisites:

GVT 110 AND GVT 120 OR INSTRUCTOR'S CONSENT

Credits:

4.00

Description:

Perspectives on the role and problems of the presidency in American political life; the nature and difficulties of presidential influence and effectiveness, presidential authority within our system of government, and the impact of presidential character. Normally offered alternate years.

• GVT-347 Legislative Politics

Prerequisites:

GVT 110 and GVT 120 or instructor's consent

Credits:

4.00

Description:

The structure and functioning of legislatures. Particular emphasis on the U.S. Congress, how it works and how it compares with other legislatures. The role of legislatures in a democracy. Normally offered alternate years.

• GVT-355 American Parties & Politics

Prerequisites:

GVT 110 AND GVT 120, or instructor's consent

Credits:

4.00

Description:

Historical overview of party development in the U.S. and of ideological and political trends as reflected in voting behavior. Recent developments in party structure, electoral strategies and political style. The party crisis vs. the art of political campaigning. Normally offered alternate years.

• GVT-357 Power & Politics in America's Cities**Prerequisites:**

GVT 110/120 OR INSTRUCTOR'S PERMISSION Junior status or above

Credits:

4.00

Description:

This online course is uniquely designed to examine the power dynamics and struggles that characterize the urban political landscape. Mayor leadership and corruption, community engagement and apathy, and resource and public service expansion and retraction will be critically examined as key elements that can help some cities grow and hasten the decline of others. Within an online environment we will study the dynamic cities of New York City, Chicago, Atlanta, Boston, Cleveland, Detroit, and New Orleans. Additionally, we will examine broader trends that emerge from and examination of cities by size and region.

• GVT-359 Hockey, International Development & Politics**Credits:**

4.00

Description:

This class examines the way in which national identity, global and regional economics and international development intersect. It uses the professionalization of the sport of hockey and its subsequent spread around the globe as its case. It will look at the rise of the pro game, the way in which it shapes national identity in the Canadian case, the way in which the pro business model has changed in response to broad socio-economic changes in North America and geo-political shifts around the globe, especially in Eastern Europe and the Former Soviet Union.

• GVT-360 Elections and Voting**Credits:**

4.00

Description:

How are elections administered in the United States? Do Americans have confidence in the electoral process? Should they? Why or why not? This course will examine elections in the United States in detail -- from how they are funded to how they are administered to how voters behave. Students will have a choice of either serving as poll workers during the November election or organizing and conducting research of potential voters. Students will gain hands-on experience in actual research design, election administration, and non-partisan get-out-the-vote activities. In addition, students will gain a deeper understanding of the relationship between attitudes, opinion, and voting behavior in American politics and institutions. ECR

• GVT-361 Voting Rights and Election Law

Credits:

4.00

Description:

How do laws governing the political process affect and impact political power relationships? This course investigates topics including redistricting, the right to vote, voter turnout and mobilization, election administration, the Voting Rights Act, and political parties. Students will have a choice of either serving as poll workers during the November election or organizing and conducting research of potential voters. Students will gain hands-on experience in actual research design, election administration, and non-partisan get-out-the-vote activities. In addition, students will gain a deeper understanding of the relationship between attitudes, opinion, and voting behavior in American politics and institutions.

• GVT-363 American Foreign Policy

Prerequisites:

GVT 281 and GVT 261

Credits:

4.00

Description:

A decision-making approach to understanding the domestic and institutional context of U.S. foreign policy. Includes analysis of continuity and change since WWII using case studies of critical decisions, e.g., Korea, Cuba, Vietnam, etc. Not open to freshmen. Prerequisites: GVT 110, GVT 120, GVT 261 or instructor's consent. 1 term - 4 credits. Normally offered every year.

• GVT-365 IP & Public Domain: Intro to Law & Policy

Prerequisites:

54 credits earned and GPA of 3.3 or higher

Credits:

4.00

Description:

This introduction to legal study explores law as it is practiced (the law on the books and their application) and as it is experienced in society by everyday people, clients and citizens. The goal of this course will be two-fold: (1) to introduce undergraduate students to the study of law as it is taught in law school, with an emphasis on reading cases, making arguments as lawyers do, and learning about the intersection of legal application and policymaking; and (2) study intellectual property law (e.g., copyright patent, trademark and trade secrets) as they have evolved over the 20th century with an emphasis on the importance of the public domain in the digital age. The course will be team taught by professors from the law school.

Type:

Arts Admin Minor Elective

• GVT-367 Politics of Spain**Credits:**

4.00

Description:

This course is designed to provide students with a basic grounding in political institutions and processes in contemporary Spain. Political developments are presented in their socio-economic context, with special emphasis on the Spanish transition from a dictatorship to a democracy. Attention is also given to the issue of the Basque and Catalan nationalism, as well as the process of European integration. Prerequisite: GVT 281 or instructor's consent. 1 term - 4 credits. Normally offered alternate years at the Madrid Campus.

• GVT-372 Coastal Zone Management**Prerequisites:**

Instructor's Consent

Credits:

4.00

Description:

This course presents a survey of a coastal environment, its physical characteristics, natural systems, economic uses, and development pressures. Lectures examine strategies formulated in the U.S. for land and water resource management in the coastal zone. The roles of federal, state and local

government, environmental groups and resource users are also explored. Finally, by comparing coastal zone management problems in the U.S. to those elsewhere in the world, students gain a global perspective. Normally offered every years. The course available through the Marine Studies Consortium and will be taught on the campus of one of the Consortium's member institutions.

- **GVT-381 The Politics of the Republic of Ireland And the United Kingdom**

Credits:

4.00

Description:

This class will examine the political systems of the Republic of Ireland and the United Kingdom. It will look at the development of the Republic of Ireland from 1916 until the present paying particular attention to the role that the Irish Government has played in fostering economic development and social stability. It will further look at the country's relationships with the European Union and United States of America. The class will present Northern Ireland and the efforts to resolve the troubles there in as the nexus between these foreign relations, domestic politics in both countries and the relationship between the two of them. A key part of the class will be examining the way in which the British political system functions and is organized, paying particular attention to the multicultural and devolutionary policies that the UK government has enacted in the recent past. The impact that these changes in policy have had in resolving the conflict in Northern Ireland will be examined in depth.

- **GVT-382 Crisis and Integration in Europe**

Credits:

4.00

Description:

Why did 17 European countries surrender the sovereign control of their currency and create the Euro? Will Turkey become a member of the European Union? Will Europeans continue free riding the security protection of the United States? Is the integration process another layer of bureaucracy or an institutional instrument to dean with the permanent crises in Europe? There are some of the questions guiding the discussions in the class.

- **GVT-383 African Politics**

Prerequisites:

GVT 110 and GVT 120

Credits:

4.00

Description:

The political development of Africa in colonial and post-colonial periods. Analysis of the evolution of governmental institutions includes economic, social and personal factors; political forces at work in present day Africa. Not open to freshmen. Normally offered alternate years. Cultural Diversity B

- **GVT-384 The U.S. and the International Relations of the Middle East**

Credits:

4.00

Description:

This course will explore the role played by the United States in the Middle East in the twentieth century, with emphasis on the period since World War II. Our study will begin with a decision-making approach to understanding the domestic and institutional context of America's policy toward the region, followed by an examination of that policy as it confronted radical nationalist, socialist, and Islamic movements, Soviet influence, and specific contemporary problems - the Arab-Israeli conflict, the Lebanese civil war, the Iranian revolution, the Iran-Iraq War, and the Gulf War. Open to non-majors, not open to freshmen. Normally offered alternate years.

- **GVT-385 South Asian Politics**

Prerequisites:

Not open to freshmen.

Credits:

4.00

Description:

The main goal of the course is to provide an overview of the main political, economic, and social processes taking place in this region. This course explains the strategies that the eight South Asian countries are implementing in order to deal with the globalization process. The primary focus of the course will be to provide students with the understanding of the main regional trends, but it also has case studies of some of the political systems in the region. Students will analyze and evaluate the concepts learned in basic courses in international relations, political science, and other disciplines in social sciences as they apply to South Asia. Normally offered alternate years.

- **GVT-386 Conflict and Development: Continuation**

Prerequisites:

Instructors Consent

Credits:

1.00

Description:

This course will briefly examine the political history of what would become Yugoslavia, beginning in the interwar period and following the process of unification of the South Slav state. After analyzing Yugoslavian politics during the Tito era, attention will turn to what happened to this state after Tito's death in 1980. Students will be expected to understand the controversies over what caused the break-up of Yugoslavia, and will read many opposing interpretations of the events that began in the 1990s and continue today. Offered at the Madrid Campus.

• GVT-387 Conflict & Development in Asia Service Abroad**Prerequisites:**

GVT 281 or instructor's consent. Junior status or above

Credits:

4.00

Description:

Current political trends in the Caribbean and in selected Central American nations. Emphasis will be placed on comparative analysis of public policies in the region, as well as on external factors which impact on politics in the Caribbean and Central America. Students will use academic sources in their analysis, as well as novels and other literary sources for the background of their analysis. Not open to freshmen. Normally offered every third year. Cultural Diversity B

Type:

Global Engagement Experience

• GVT-389 Politics of China**Prerequisites:**

Junior status or above

Credits:

4.00

Description:

Emphasis on a particular approach to the problems of economic modernization and political development. Historical background; the revolutionary movement; present political structures and

current issues. Cultural Diversity B

Type:

Asian Studies

- **GVT-390 Global Politics of Resistance**

Credits:

4.00

Description:

Utilizing the theoretical frameworks of Comparative Politics and International Relations, this course will focus on a critical analysis of contemporary forms of resistance politics, such as those culminating in popular struggles for peace, democracy, human rights, economic justice, gender equality, environment, and the rights of indigenous peoples.

- **GVT-391 Canada: Multicultural Politics**

Prerequisites:

GVT 110/120 or Instructor's permission

Credits:

4.00

Description:

This course examines the Canadian model of incorporating diverse communities into its constitutional and political framework, including the founding British North American Act of 1867, the 1982 Constitution Act, and two later attempts at constitutional reform. Canada's role in balancing two official languages, English and French, is discussed, as is its recognition of a First Nations native-governed territory in the Arctic. This course introduces students to the Canadian polity and compares its parliamentary system with the U.S. separation of powers system. Prerequisites: GVT 110, GVT 120 or instructor's consent. Normally offered alternate years. Cultural Diversity B

- **GVT-393 Latin American Politics Today**

Prerequisites:

GVT 281 or instructor consent

Credits:

4.00

Description:

This course examines the evolution of Latin America in the context of globalization. The first part analyzes the main political and economic trends of Latin America as a region, while the second presents the main challenges Mexico is facing today in the area of security. The third part moves forward into the detailed explanation of the transformations of the largest South American countries such as Colombia, Argentina, Chile and Venezuela, among others. The final section looks at the relationship between Latin America and the United States.

• GVT-401 Political Marketing

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This class will examine the techniques used to market political candidates, parties, issues, interest groups and think tanks in the modern American polity, as well as in Canada and the EU. The class will examine the causes and impact of the change that many observers have seen in the American polity from a civil to a consumptive political culture and question the extent to which this is a U.S. based versus more global phenomenon. At the same time, the class will aim to provide the student will a hands-on understanding of the way in which various marketing techniques are employed to sell politics. The techniques will include message development, branding, micro-targeting, and political marketing campaign strategy by looking at a series of cases from around the world. Cases examined will include the Barack Obama , Hillary Clinton and John McCain campaigns from 2008, the effort to brand the Conservative Party and New Labour in the United Kingdom.

• GVT-H401 Political Marketing

Prerequisites:

Junior status or above, CAS Honors Program

Credits:

4.00

Description:

This class will examine the techniques used to market political candidates, parties, issues, interest groups and think tanks in the modern American polity, as well as in Canada and the EU. The class will examine the causes and impact of the change that many observers have seen in the American polity from a civil to a consumptive political culture and question the extent to which this is a U.S. based versus more global phenomenon. At the same time, the class will aim to provide the student will a

hands-on understanding of the way in which various marketing techniques are employed to sell politics. The techniques will include message development, branding, micro-targeting, and political marketing campaign strategy by looking at a series of cases from around the world. Cases examined will include the Barack Obama , Hillary Clinton and John McCain campaigns from 2008, the effort to brand the Conservative Party and New Labour in the United Kingdom.

Type:

Honors

• GVT-404 International Political Marketing

Prerequisites:

At least 54 credits required.

Credits:

4.00

Description:

This class will examine the ways in which political marketing is conducted across the globe. It will look at a variety of political systems and cultures in an effort to discern which techniques work best with which political systems and political cultures. The cases will be drawn from all 7 continents and a wide diversity of socio-political cultures. Cases are likely to include Canada, New Zealand, India, Japan, Ireland, the United Kingdom, Argentina, Russia and many others. By the end of the class, students should have a strong sense of how political marketing is done globally and which techniques work best with which systems.

• GVT-410 Politics of Korea

Prerequisites:

Junior Status required

Credits:

4.00

Description:

Study of the government and politics of North and South Korea, including the political systems of the two countries and relationship between them, including issues of reunification, nuclear weapons, and democratization. Offered alternate years.

Type:

Asian Studies

- **GVT-411 Politics of North and South East Asia**

Prerequisites:

Junior Status required

Credits:

4.00

Description:

This course examines the cultural background and political systems mainly of China, Korea and Japan, also touching upon the small tiger states in South-East Asia. It elucidates the historical origins, evolution and current trajectory of these states with a particular concentration on North Korea. One further concentration is the interplay of domestic and foreign policy in the relations of these states, regional stability and cooperation. Topics include history, social structure, the interplay of culture and ideology, political economy, humanitarian issues, security, and the politics of North Korean domestic and foreign policy. We will spend considerable time analyzing China's and North Korea's relationship with regional and world powers and examining the origins, history, and implications of the North Korean nuclear weapons program. Students will be expected to demonstrate the ability to apply theoretical and historical knowledge toward analyzing the rapidly evolving landscape of contemporary issues related to East Asia.

Type:

Asian Studies

- **GVT-434 Immigration Policy and Politics**

Prerequisites:

Junior Status required

Credits:

4.00

Description:

This course examines how American governmental institutions, political actors, and processes have both shaped and responded to one of the most significant and complex issues of public policy facing the nation: immigration to the United States. This class will explore a number of intriguing and difficult policy topics related to the almost unprecedented level of immigration that the U.S. has been experiencing. The focus of the class will include the following: admissions, citizenship, deportation and detention (including that of suspected terrorists), refugee/asylum law, and highly contested issues of today, such as definitions of citizenship, immigrant rights, and border enforcement. A major objective of this course is to provide students with the opportunity to conduct their own original research in American politics by delving into some aspect of immigration as a public policy issue.

- **GVT-438 Environmental Policy & Politic**

Prerequisites:

This course will have a service learning component Junior Status required

Credits:

4.00

Description:

From Rio to the Boston Harbor Project, this course examines the policies and politics of the environment. It examines the origins of the environmental movement in the United States focusing on the development and present function of government and non-government organizations responsible for the development and implementation of global, national, state and local environmental policies.

- **GVT-439 Global Environmental Threat**

Prerequisites:

Junior Status required

Credits:

4.00

Description:

In the 20th century the general public became aware of the need for following a sustainable lifestyle. Non-governmental organizations, governmental institutions and individuals began to study environmental problems and issues to enhance the concept of conservation of nature and the protection of the planet's biodiversity among other important concepts. However, as we enter the 21st century, we are finding ourselves involved in new environmental threats such as increasingly disturbing natural disasters, eco-terrorism and endless extreme poverty. This course is aimed at learning the basic environmental aspects that affect society and nature as a whole, along with the new issues that are arising and leading scientists to continue new lines of research in the field of environmental conservation and awareness, knowing also that the key to hope lies in the field of environmental education. Offered on the Madrid Campus only.

- **GVT-H439 Honors Global Environmental Threat**

Prerequisites:

Junior Status required

Credits:

4.00

Description:

In the 20th century the general public became aware of the need for following a sustainable lifestyle. Non-governmental organizations, governmental institutions and individuals began to study environmental problems and issues to enhance the concept of conservation of nature and the protection of the planet's biodiversity among other important concepts. However, as we enter the 21st century, we are finding ourselves involved in new environmental threats such as increasingly disturbing natural disasters, eco-terrorism and endless extreme poverty. This course is aimed at learning the basic environmental aspects that affect society and nature as a whole, along with the new issues that are arising and leading scientists to continue new lines of research in the field of environmental conservation and awareness, knowing also that the key to hope lies in the field of environmental education. Offered on the Madrid Campus only.

Type:

Honors

• GVT-441 Ready, Set, Run!**Prerequisites:**

Junior Status required

Credits:

2.00

Description:

Designed to introduce students to the nuts and bolts of preparing to run for office or guiding a candidate through the process. Students learn how to file nomination papers, develop a field team, and create a general branding strategy.

• GVT-442 Candidate Definition**Prerequisites:**

Junior Status required

Credits:

1.00

Description:

Students learn the basics of how candidates successfully introduce their candidacy to the public. From announcing the campaign to conducting meet and greets to producing candidate photos, this course

guides to through the process of effectively defining the candidate.

- **GVT-443 Candidate Media Strategy 101**

Prerequisites:

Junior status required

Credits:

1.00

Description:

Students learn the fundamentals of how to maximize positive media coverage with attention paid to generating endorsements, developing non-paid media, and persuading voters.

- **GVT-444 Campaign Issues:Taking a Stand**

Prerequisites:

Over 54 credits required.

Credits:

1.00

Description:

In this highly interactive course, students learn how to develop position papers, conduct opposition research, and ultimately use their knowledge to convey information effectively in political speeches and debates. Attention paid to message development.

- **GVT-446 Getting Out the Vote**

Prerequisites:

Junior Status required

Credits:

1.00

Description:

Learn the cutting edge techniques to help register new voters, identify voters, and effectively manage election-day operations to increase turnout for your candidacy. Learn how to successfully recruit and retain volunteers.

- **GVT-447 Race, Gender, and Sexual Orientation on Campaigns**

Prerequisites:

Need to have completed at least 54 credits

Credits:

1.00

Description:

This course will examine the role that race, gender and sexual orientation fill on political campaigns. We will explore the challenges and opportunities that women, people of color, and LGBT individuals face as candidates, the consequences diversity (or lack thereof) on campaign team, and how race, gender, and sexual orientation are mobilized by campaigns to reinforce messages, target voters and raise money.

- **GVT-450 Lobbying, the Media and Public Policy Opinion, and Politics**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This class will examine the role of lobbyist and the media in influencing state and national decision makers and public policy. Focusing primarily on current issues relating to energy and environmental policy, we will discuss and critically examine all sides of today's hot topics- renewable power, climate change, sustainability and others. The goal is not to determine who is right and who is wrong, but rather to get behind the headlines and separate fact from hype and discuss how and why certain policy decisions are made and how policy makers are influenced. You'll gain an appreciation as to how public opinion, lobbyists and the media (even celebrities!) can actually change government priorities- and not always for the better, as rising public opinion and political pressure often collides with well established scientific evidence.

- **GVT-451 The Political Brand: Theory and Practice**

Credits:

2.00

Description:

This class will introduce you to the theories and practice of branding as used in politics. To provide students with a sense of the concept of branding, to look at the way in which the rise of branding as a political tool and strategy has impacted civic and political life in the United States and globally, and to provide students with hands on experience in building a number of kinds of political branding.

• GVT-462 Debates on Conflicting Ideas in U.S. Foreign Policy**Prerequisites:**

GVT 261. Junior status or above

Credits:

4.00

Description:

In order to understand the change and continuity in U.S. foreign policy, it is crucial to examine the debate among those who inform the ideas put forward by U.S. foreign policy experts, policymakers, and the group-whether political parties or NGOs-with which they are allies. This course will explore the importance of ideas in U.S. foreign policy from the early days of the republic with an emphasis on the post-World War II period. Prerequisite: GVT 281 or instructor's consent. Open only to Juniors and Seniors. 1 term - 4 credits.

• GVT-463 International Legal Systems**Prerequisites:**

Junior status or above

Credits:

4.00

Description:

This course explains the main components of the international legal system. It begins by exploring the rules, principles and norms that govern the relationship among states, the different cultural and philosophical legal perspectives and the history of the international legal system. The second part of the course covers the study of the sources and subjects of the international law, the jurisdiction of states, the peaceful settlement of disputes, the use of force and the legal personality of international actors. The third part of the course addresses a number of significant topics derived from the process of globalization legal norms: human rights, humanitarian intervention, law of the sea, environmental law, and economic relations.

• GVT-465 International and Transnational Organizations

Prerequisites:

GVT-261 Junior Status required

Credits:

4.00

Description:

This course explores the institutional structures, political processes, and impact of international governmental and nongovernmental organizations. It analyzes their increasingly prominent role in efforts to resolve a wide range of global problems and contribution to strengthen the current system of global governance. While the course covers the problems of international security, global distribution of wealth, deterioration of the environmental system, and threats to social welfare, it focuses on the interaction between the United Nations System and regional organizations, on the one hand, and the role of non-governmental organizations in cooperating or competing to solve specific problems in the area of international relations.

• GVT-466 Governance & Regional Political Economy**Prerequisites:**

Junior Status required

Credits:

4.00

Description:

This course examines the intertwined nature of the globalization and regionalization processes from the perspective of global political economy. The first part of the course provides the basic elements and indicators to understand the main challenges the international economy is facing such as crisis, protectionism, and underdevelopment, inter alia. The second part presents the evolution of globalization and regionalism in the past decades. The third and final section compares how the distinct regions in the world are dealing with local and global problems; particularly attention is paid to the European Union, NAFTA, Mercosur and APEC.

• GVT-467 Comparative Social Movements**Prerequisites:**

Junior status

Credits:

4.00

Description:

How do we explain the appearance or absence of social movements? What social or individual factors explain their development and decline? Who joins social movements? Who does not? Why? What ideas or ideals animate those who do participate? What is it like to be part of a social movement? What effect do they or have they had on politics, power and efforts at social change? These are some of the questions that have traditionally shaped debates over social movements, both domestically and internationally. They will form the analytical core of the work in this course. By critically evaluating several competing schools of thought in social movement theory and history we will attempt to highlight the social forces that have, at varying points in times, facilitated, maintained, as well as blocked the development of social movements in the US and beyond.

• GVT-469 International Human Rights

Prerequisites:

GVT 261 Junior status or above

Credits:

4.00

Description:

An examination of human rights at the end of the 20th century. Attention will be given to the origin and expansion of the concept of human rights in different political systems, the links between culture and human rights and the means and mechanisms for safeguarding human rights with particular reference to the United Nations system.

• GVT-473 American Political Thought

Prerequisites:

open to juniors and seniors only

Credits:

4.00

Description:

Reading and discussion of original works by significant American political thinkers. Readings vary, but might include The Federalist and works by Paine, Jefferson, Calhoun, Thoreau, Sumner, Reed, Dewey, Lippman, Goodman, King, Malcolm X, Carmichael, Hamilton, Friedan and Dillinger. Offered every year.

• GVT-475 Radical & Revolutionary Political Thought

Prerequisites:

Open to Juniors and Seniors only.

Credits:

4.00

Description:

This course focuses on those political thinkers, such as socialists, feminists, anarchists, pacifists, and ecologists, who have opposed established order and sought to change it. Topics covered include utopian visions (e.g., Owen, Morris, Bellamy, Gilman), criticism of existing institutions (Wollstonecraft, Marx, Fanon, de Beauvoir) and strategies for change (Goldman, Malcolm, Lenin, Cabral). The emphasis is on reading original theoretical works, with several writings assignments. Normally offered every third year.

- **GVT-485 Politics of the Middle East**

Prerequisites:

TAKE GVT-281 OR INSTRUCTOR'S CONSENT Junior Status required

Credits:

4.00

Description:

Interlocking themes making the contemporary Middle East an area of chronic conflict: Big Power rivalries; social and political change within individual countries; unity and Arab rivalry involved in Arab nationalism; the Palestinian-Israeli-Arab dispute. Normally offered alternate years. Cultural Diversity B

- **GVT-501 Senior Seminar**

Prerequisites:

Senior status

Credits:

1.00

Description:

This course is designed to provide all Government degree-seeking students with a team-taught capstone experience. In this course, we will collectively discuss and consider career, professional and academic experience for the Government major, including learning more about the fields of public policy, public service, law, nonprofit management, international development, and nongovernmental

organization management. This course focuses on career entry and transition, networking for career success, impression management concept and skills, and related life-long learning skills. Students articulate and reflect on academic, work, and co-curricular experiences from the perspective of professionals entering or advancing their careers. Pre-requisite: Senior standing.

- **GVT-503 Washington Academic Seminar I**

Prerequisites:

Instructor permission required

Credits:

4.00

Description:

An intensive off-campus experience, normally of two-week's duration, arranged through The Washington Center in Washington, D.C. Topics vary. Students will be graded by both an on-site evaluator and an assigned Government Department faculty member. In addition, students are normally required to meet three times during the semester of registration, keep a journal of the off-campus experience and to write a significant research paper based on the topic of the academic seminar.

- **GVT-505 Washington Seminar on National Security**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

A two-week intensive seminar in Washington DC; the first week will focus on a look inside the defense and intelligence community in the US government; the second week will examine issues, threats, and challenges in global society. The seminar, carried out in partnership with The Washington Center for Internships and Academic Seminars, will include briefing sessions with security officials, site visits, small group meetings, keeping a journal, and academic papers. There will also be some further academic work after you return to Suffolk. Prerequisites: Registration in this course requires advance application. The seminar is offered in May, and applications are due by March 1. Interested students should consult the instructor for further details.

- **GVT-506 Political Convention Program**

Prerequisites:

Instructor permission required

Credits:

4.00

Description:

An opportunity to do an internship through The Washington Center at either the Republican National Convention or the Democratic National Convention. Students will learn what goes on behind the scenes and interact with important public figures influential in setting public policy at various levels of government. The week prior to the convention is spent in Washington, D.C. studying the electoral process, becoming familiar with conventions operations and preparing for convention fieldwork assignments. Students will hear from a wide variety of speakers, including members of the media, party officials, and other political personalities. Students are then assigned as volunteers to assist with the work of the convention during the second week.

• GVT-507 GVT Study Trip

Prerequisites:

INSTRUCTOR'S PERMISSION This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

APPROVAL OF DEPT. CHAIRPERSON. Specially arranged study trip to a foreign country for the purpose of obtaining knowledge through direct experience and observation. Includes prearranged site visits, meetings, required reading and written assignments. ECR

• GVT-509 United Nations Seminar

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

This course provides an introduction to the study of the role of the United Nations System in the globalization era. The course is divided in two main sections. The first is based on a series of readings, lectures and discussion on the rules, principles and norms which govern the relationship among states and the UN system; it also covers traditional topics such as the sources and subjects of international

law, the jurisdiction of states, the peaceful settlement of disputes, the use of force and the legal personality of international actors, human rights, humanitarian intervention, global environment, use of armed forces, as well as economic relations. The second part of the course is based on a required study trip to the UN headquarters in order to experience a direct contact with policy-makers within the UN system in a diversity of areas such as security, aid and peacekeeping areas.

Type:

Global Engagement Experience

• GVT-510 Independent Study

Prerequisites:

Instructor's consent required

Credits:

1.00- 4.00

Description:

Individual program of reading and research on an approved topic under the supervision of a member of the department. Only for qualified juniors or seniors. Offered every semester.

• GVT-515 Senior Seminar

Credits:

1.00

Description:

This course is designed to provide all Government degree-seeking students with a team-taught capstone experience. In this course, we will collectively discuss and consider career, professional and academic experience for the Government major, including learning more about the fields of public policy, public service, law, nonprofit management, international development, and nongovernmental organization management. This course focuses on career entry and transition, networking for career success, impression management concept and skills, and related life-long learning skills. Students articulate and reflect on academic, work, and co-curricular experiences from the perspective of professionals entering or advancing their careers. Pre-requisite: Senior standing.

• GVT-521 Internship in Government

Prerequisites:

Government major, sophomore status. Applications to participate must be approved by the Instructor. It is the responsibility of students to arrange internship placements in advance of the course.

Credits:

4.00

Description:

This course is designed to enhance the academic learning students achieve in a substantive government, politics, issue advocacy, public policy or public administration related, supervised, internship that is concurrent with the seminar. Students will use their experiences in the internship of their choosing as a basis for reflection, analysis, skills and career development. Individual learning goals and objectives will be formulated for each student, based on their placement, interest and career goals. Internships must be a minimum of 120 hours in total and approved by the instructor in advance.

- **GVT-523 Washington Internship**

Prerequisites:

Sophomore standing and instructor's permission required

Credits:

12.00

Description:

A full-time, one-semester internship in Washington, D.C. Consult the Department office for more details. ECR

- **GVT-524 Washington Internship-Summer**

Prerequisites:

Sophomore standing and Instructor's permission required

Credits:

8.00

Description:

A full-time summer internship in Washington D.C. Consult the Department for more details. ECR

- **GVT-525 Washington Internship Seminar**

Prerequisites:

Concurrent enrollment in GVT 523 or GVT 524; sophomore standing; Instructor permission.

Credits:

4.00

Description:

ECR

• GVT-526 International Internship-London**Prerequisites:**

Junior standing; GVT 528 & GVT 529 Concurrent; Instructor permission.

Credits:

8.00

Description:

A full-time, one-semester International Internship in London. Students must also complete academic work designed to enhance experiential learning and professional development in their internship abroad that is supervised by a Suffolk instructor. Course work will include developing individualized learning goals and objectives for their internships, journaling, mid-term self-evaluation and a final research paper.

• GVT-527 International Internship-Brussels**Prerequisites:**

Junior standing; GVT 528 & GVT 529 Concurrent; Instructor permission

Credits:

8.00

Description:

A full-time, one-semester International Internship in Brussels. Students must also complete academic work designed to enhance experiential learning and professional development in their internship abroad that is supervised by a Suffolk instructor. Course work will include developing individualized learning goals and objectives for their internships, journaling, mid-term self-evaluation and a final research paper.

• GVT-528 International Seminar I**Prerequisites:**

Concurrently with GVT 526 or GVT 530 and GVT 529

Credits:

4.00- 8.00

Description:

One of two required seminars to be taken by International interns and service learning participation.
ECR

• GVT-529 International Seminar II

Prerequisites:

Concurrently with GVT 526 or GVT 530 and GVT 528

Credits:

4.00- 8.00

Description:

One of two required seminars to be taken by International interns and service learning participation
ECR

• GVT-533 International Internship-Edinburgh

Prerequisites:

Junior standing; GVT 528 & GVT 529 Concurrent; Instructor permission

Credits:

8.00

Description:

A full-time, one-semester International Internship in Edinburgh. Student must also complete academic work designed to enhance experiential learning and professional development in their internship abroad that is supervised by a Suffolk instructor. Course work will include developing individualized learning goals and objectives for their internships, journaling, mid-term self-evaluation and a final research paper.

• GVT-534 Experiential Learning in Government

Prerequisites:

Instructor consent required

Credits:

1.00-12.00

Description:

Internships and practicum in Government are available prior to the start of each semester. Offered Fall and Spring.

• GVT-538 Summer Campaign Lab

Prerequisites:

Junior status or higher and Instructor Consent

Credits:

3.00

Description:

This two-week, intensive class will combine in-depth training on building and running a successful campaign, with site visits to leading political strategy and non-profit agencies. Students will broaden their network meeting leaders in government, public policy, and non-profits by participating in evening speaker series and networking events. Evening teamwork will culminate in a final campaign plan to be presented on the final day of the program.

• GVT-555 Senior Thesis

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Individual program of reading, research, writing on an approved topic under the supervision of a member of the department, for students in all tracks who meet the criteria for departmental honors and who wish to prepare a thesis for submission to the honors committee. Must be taken in the first semester of the senior year. Prerequisites: Grade point average 3.0 overall, 3.4 in major; completion of a minimum of 6 credits in Government at Suffolk University; advisor's signed consent; application approved by honors committee in spring of applicant's junior year. 1 term - 4 credits. Normally offered every fall.

- **HST-100 Introduction to Asian Studies: Culture, People, Ideas**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, arts, and cultures of Asia. Sample topics include political economy, religious and cultural exchanges, international relations, the Asian experience in America, and the role of Asia in the twenty-first century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum.

Term:

Offered Fall Term

- **HST-101 History of Western Civilization I**

Credits:

4.00

Description:

Surveys European culture, politics, and society from antiquity to the seventeenth century. Topics include: the Greek, Judaic, and Roman heritage; the rise of Christianity; feudal society in the Middle Ages; Renaissance and Reformation; the Scientific Revolution; and the development of absolutist and constitutional governments.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **HST-102 History of Western Civilization II**

Credits:

4.00

Description:

Surveys European culture, politics, and society from the Scientific Revolution to the present. Topics include: the development of absolutist and constitutional governments; the Enlightenment; the French

Revolution; Industrialization and urbanization; nationalism and imperialism; World War I, World War II, and the Cold War; the decline of Europe as a world power.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-103 Cultures and Social Transformations in Asia**

Credits:

4.00

Description:

Presenting the major trends relevant to social, cultural, and economic transformations that can be seen in Asia today. Especially, students will explore the following trends: the Diaspora of the Chinese and Indian People; the hold of Traditional Religious Beliefs in a Modernizing Asia such as the influences of Buddhism and Islam; the preservation of Martial Values and in Militarism in Asia; Issues related to Gender and Sexuality; Pop Culture among young people in Asia.

- **HST-115 Introduction to Chinese History and Culture**

Credits:

4.00

Description:

Discusses Chinese civilization from its origins to its recent rise as a world power. Spark students' interest in China and enable them to relate Chinese history and society to their lives and careers.

- **HST-121 World History I**

Credits:

4.00

Description:

Explores the major themes of human history to 1500. Topics include: hunter-gathering, the migration of humans across the globe, transitions to food production, and the development of complex societies based on agriculture. Major early Eurasian civilizations (China, India, the Middle East, and Europe) are

examined (alongside their interactions with Inner Asia and the Arabian Peninsula). So too are Sub-Saharan Africa and the Americas.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

• HST-122 World History II

Credits:

4.00

Description:

Explores the major themes of human history since 1500. Topics include: the outward expansion of Europe, the Scientific Revolution, the Enlightenment, the Age of Revolutions, the Industrial Revolution, the creation of a great-power dominated global system, the two world wars, the Cold War, the Third World, globalization, climate change, and modern social and political movements.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

• HST-149 Empires & Globalization in World History I

Credits:

4.00

Description:

This is the first of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include the formation of the medieval trade system, the development of finance and capitalism in the early modern ages, and economic changes prior to the Industrial Revolution. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-150 Empires & Globalization in World History II**

Credits:

4.00

Description:

This is the second of the two-course series of Empires and Globalization in World History. Course discusses the origins and development of globalization and capitalism from the perspective of economic history. Major issues include state-making, wars, and the rivalry among early modern empires, economic development, the Industrial Revolution and the formation of the global trade system. The specific topics may change every year due to new academic developments and publications. Cultural Diversity B

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-181 American Life to the Civil War Era**

Credits:

4.00

Description:

Surveys American history from European colonization up through the era of the Civil War. Topics include interactions with Native Americans; slavery; the American Revolution; the founding of a new republic; social and economic developments in the early nineteenth century; expansion; party politics; sectional conflict; the Civil War and Reconstruction.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-182 American Life Since the Civil War Era**

Credits:

4.00

Description:

Surveys American history from the 1870s to the present. Topics include the new industrial order; farmer and worker protests; progressivism; America's emergence as a world power; the two World Wars; the Great Depression; the New Deal; the Cold War; post-World War II American society; the Civil rights movement; Vietnam; dissent and counterculture in the 1960s; the women's movement; economic, social, and political changes in the late-twentieth century; America's relationship to a globalized world.

Term:

Offered Spring Term

Type:

Social & Intellectual HST

- **HST-200 Gateway to the Past: The Historian's Craft**

Credits:

4.00

Description:

Explores history as an evolving academic discipline, a method of inquiry into the past, and a profession. Students learn historical thinking and research skills that enable them to frame a research question, identify and retrieve required sources, and make an argument about the ideas and actions of past peoples and societies. Required for history majors. Offered annually during Fall term.

Term:

Offered Fall Term

- **HST-210 Traditional Chinese Society from 1800 to 1949**

Credits:

4.00

Description:

Focuses on traditional Chinese society from 1800 to 1949. Explains how elements of Chinese traditional culture contribute to modern Chinese identity and everyday life.

- **HST-218 History of the Mongols**

Credits:

4.00

Description:

The history of the Mongol Empire, from the emergence of unified Mongol federation at the beginning of 13th century to its dismemberment into independent territories in Mongolia, China, Transoxiana, Iran, and Kipchak Khanate. We will discuss the topological and geographical features of the Mongolian homeland; and the social, economic, and ideological aspects of their lives. The life and the military and political achievements of Genghis Khan will be highlighted, as well as the Mongols' rule over conquered realms. We will also explore through critical discussions the most important historical approaches to the Mongols.

- **HST-227 Eyes on the Prize: Civil Rights Movement of the 20th Century**

Credits:

4.00

Description:

Using the documentary series, Eyes on the Prize, a History of the Civil Rights Movement, the class will present the history of the Civil Rights Movement in the United States during the 20th century. Each week of the class will be focused around one of the 14 parts of the series. The presentation of the film segment will be accompanied by readings of texts, articles and documents.

- **HST-228 African American Experience and Public History in the U.S.**

Credits:

4.00

Description:

Examines the way that African American history is presented through public history in the United States. This exploration will include monuments, memorials and historic sites that both focus on the African American experience and examine how they fit into the context of American history. Time will also be given to look at the use of films, architecture and archaeology. This will be done through reading texts, viewing of films and visiting local historic sites that explore public history and the African American experience from various geographical perspectives.

- **HST-233 The Creation of Russia**

Credits:

4.00

Description:

Examines Russia, the world's largest country, leading energy exporter, a major nuclear and space power, and a permanent member of the UN Security Council. Topics include: the Byzantine, Nomadic, and West European cultural layers that helped form Russian civilization; the impact of the Mongols; Russia's competition and expansion against more advanced and wealthier foes; Ivan the Terrible and Peter the Great's reforms.

Term:

Occasional

- **HST-234 History of Sports in Boston and the World**

Credits:

4.00

Description:

Explore the modern Winter Olympics and the development of athletic events such as the Boston Marathon; as well as the history of basketball (invented in Massachusetts) and baseball and their importance to Boston's history. Examine some of the iconic sports figures of Boston, and the statues and monuments made to them.

- **HST-235 History of Sport and the Olympic Games**

Credits:

4.00

Description:

Explore the History of Boston and around the world through sports, with special focus on American football, association football(soccer) and the World Cup; the development of the NCAA, Title IX and college athletics; the Olympic Games--ancient, revival and modern. Students will also analyze how athletics and athletic events have been commemorated by statues and memorials in and around Boston.

- **HST-236 Public History and Cultural Heritage**

Credits:

4.00

Description:

Explores the key concepts and current practices of public history as an academic discipline and professional field in museums, libraries, archives, historical societies, historic houses, and preservation organizations. Examines the presentation and interpretation of history to popular audiences through documentaries, motion pictures, Web sites, and other forms of media. Topics covered will include curation, conservation, fundraising, educational and interpretive programming. Students will gain practical experience by participating in substantive, directed projects with partnering organizations.

• HST-237 Medieval Iran under the Nomadic Dynasties**Credits:**

4.00

Description:

Revolutionary changes through three crucial centuries of Iran's history (12th-15th), as Iran withstood two destructive invasions by nomadic leaders, including Genghis Khan and Tamerlane. Examines the social and economic changes Iran experienced, and the rise of Shi'ism and mysticism, which all resulted in the emergence of the Safavid dynasty. A multilateral perspective--political, cultural social, and economic--to conceptualize the different aspects of this important period.

Type:

Asian Studies

• HST-238 Reemergence of Iran and Its Medieval & Early Modern History**Credits:**

4.00

Description:

Examines many different aspects of political, social, economic, and cultural history of Iran in the two centuries (1501-1722)of the Safavid dynasty. The Safavids raised Iran's culture and civilization to a high level which had never been in its Islamic period. But the Safavids also traumatized the unity of the Islamic world, preventing the Ottomans from prosecuting their military victories over the western world.

• HST-244 History of the Iranian Islamic Revolution**Credits:**

4.00

Description:

Reviews modern Iranian politics with a special attention on the history of the Islamic Revolution of 1979; evaluates the factors which caused the revolution and its impacts on Iranian society, the Middle East, and the world. Among the important topics of discussion will be the role of the United States in Iranian politics (1953-1979); the policies of Mohammad Reza Shah Pahlavi (1941-1979); the hostage crisis (1979-1981); the Iran-Iraq War (1980-1988); the Reform Movement (1997-2005); and the re-emergence of radical policies under Ahmadinejad since 2005.

Term:

Occasional

- **HST-246 History of Modern Iran**

Credits:

4.00

Description:

Examines the contemporary history of Persia (Iran) from the time of its independence in the beginning of the sixteenth century to the present with special concentration on geographical/historical background; social structure, ethnic, religious, and linguistic diversities; Safavid and Qajar dynasties; Anglo-Russian interventions and occupations; constitutional revolution and reform; centralization, secularization and modernization under Pahlavi dynasty; opposition to westernization and Islamic revolution.

- **HST-247 History of Modern Middle East**

Credits:

4.00

Description:

Explores the broad historical forces, conflicts and major events that have shaped the contemporary nations of the modern Middle East. Topic include: the emergence of the modern Middle East from the empires of the sixteenth and seventeenth centuries; the age of colonialism; the rise of nationalism; socialism, capitalism; the impact of Israeli and Palestinian conflict on the region; oil, the Islamic Revolution in Iran and the rise of Islamic fundamentalist movements; U.S. policy; and Saddam Hussein's Iraq.

Term:

Offered Fall Term

- **HST-248 Peaceful Coexistence: Muslims, Christians, and Jews in Medieval Iberia**

Credits:

4.00

Description:

Surveys Muslim and Christian occupied territories on the Iberian Peninsula (modern-day Spain and Portugal), focusing on principal events and broad trends, 711-1492. Special emphasis will be placed on tolerance as manifested in the toleration of religious minorities, cultural and scientific interaction, translation and peaceful coexistence (*convivencia*); and on intolerance as manifested through warfare (*jihad*, *crusade*), frontier mentality, massacres, forced conversions, the setting up of the Inquisition and the final expulsion of the Jews in 1492 and of the descendants of the converted Muslims or *moriscos* in 1609 and 1814.

Type:

Global Engagement Experience

- **HST-250 A History of Martial Arts in Movies**

Credits:

4.00

Description:

Outlines the history of Chinese martial arts in five movies, highlighting Chinese views of violence, personal loyalty, government, and justice.

- **HST-251 Modern East Asia**

Credits:

4.00

Description:

China, Japan, and Korea - East Asia's critical players - share many historical influences, but each has a distinct culture, and they competed with each other for much of the twentieth century, proud of their achievements but feeling threatened by their neighbors. Lectures interspersed with movies and documentaries to show how East Asia has developed in the past one-hundred-plus years.

Type:

Social & Intellectual HST

- **HST-252 The Rise of China: Through Films, Media, and History**

Credits:

4.00

Description:

Discusses the rise of China as the world's largest economy and its impact on our life through films, media, and history.

- **HST-255 Films and Contemporary China**

Credits:

4.00

Description:

Uses a series of films to demonstrate the changes in people's lives in contemporary China. It focuses on the Reform Era between 1980 and present. The topics include Chinese politics, economic growth, social change, and popular cultures.

Term:

Occasional

Type:

Asian Studies

- **HST-256 Exploring Asia**

Credits:

4.00

Description:

In this course each student will select a topic about Asia that they wish to study. Virtually any topic, to be approved by the professor, is acceptable. The goal will be to write a five to seven page paper about that topic by the end of the course. As a class, we will work together through each step of the process of defining a topic, gathering materials about it, and organizing and reporting the final paper.

- **HST-260 Asian Peoples and Cultures**

Credits:

4.00

Description:

Introduces the peoples of Asia and the cultures they have created. Particular attention is paid to the lives of the common people in both historical and contemporary times. By understanding the richness and complexities of daily life in Asia, we will understand the continuities and discontinuities brought on by social, cultural, and economic changes. We will gain an appreciation of our fellow human beings in Asia.

Type:

Social & Intellectual HST

- **HST-261 African History to 1800**

Credits:

4.00

Description:

Explores the history of Africa from prehistoric times to the nineteenth century to give students an introduction to African Studies and a sense of Africa's place in world history. Topics include: the Nile Valley civilizations, West African empires, the trans-Saharan trade, the slave trade, the spread and impact of Islam.

Term:

Offered Fall Term

- **HST-262 Modern African History Since 1800**

Credits:

4.00

Description:

Examines the history of Africa from 1800 to the present and enable students to develop an understanding of issues that affect the relationship between modern Africa and the world. Topics include: the African tradition; the impact of Islam and Christianity, abolition of the slave trade, European imperialism and colonialism, African independence movements, African nationalism, Pan Africanism.

Term:

Offered Spring Term

- **HST-263 Comparative Race Relations**

Credits:

4.00

Description:

Compares and analyzes the history of race and politics in South Africa and the United States from the 17th century to the present. Examines how race as a social and ideological construct influenced and informed political conflicts over land, labor, and social relations in the two countries including slavery, segregation, apartheid, and the struggle to create racial democracies.

Term:

Offered Fall Term

- **HST-265 Comparative Slavery**

Credits:

4.00

Description:

This lecture-discussion course compares the institution of slavery over time and across space. Beginning with its emergence and articulation in the Ancient World, the institution of slavery was evident on all of the continents and played a dynamic role in defining humanity and in forming social, economic, cultural, and political formations up to the Modern Era. The course examines the institution of slavery in its many manifestations from nomadic societies to sedentary ones, from kinship-based states to territorial-based ones, from tribal societies to advanced civilizations, from pre-capitalist economies to capitalist ones.

- **HST-266 Crime and Punishment in Early Modern Europe: 1500-1800**

Credits:

4.00

Description:

Explores crime, law and punishment in Europe in the early modern era (1500-1800). Topics include: the nature of crime in early modern Europe; the purposes and roles of law (criminal, civil, and others); forms of punishment and what law, crime, and punishment tell us about early modern European society.

- **HST-268 History of the Mediterranean**

Credits:

4.00

Description:

Explores the history of the Mediterranean from the ancient times to the 20th century, with emphasis on the extraordinary interaction between the rich cultural, ethnic and religious backgrounds of the peoples of Europe, Middle East, and North Africa.

Term:

Occasional

Type:

Social & Intellectual HST

• HST-269 Early Modern France**Credits:**

4.00

Description:

Examines early modern France (1400-1789), emphasizing the development of religious, political, and legal institutions. Topics include: the emergence of France as an absolute monarchy; the Protestant and Catholic Reformations in France; the religious wars of the sixteenth century; France's role overseas; war and diplomacy with other European countries; the Enlightenment; the French Revolution; and the rise of Napoleon.

Term:

Occasional

• HST-270 Revolution! the Contours of Modern Europe, 1610-1815**Credits:**

4.00

Description:

Explores Europe's political, social, and intellectual transformation, from the decline of Bourbon France's L'Ancien Regime, through the rise of the Enlightenment, to the upheavals of the French Revolution and Napoleon's empire.

- **HST-271 African-American History 1619-1860**

Credits:

4.00

Description:

Examines the history of Africans in the United States from their arrival in the colonies to the Civil War and the end of legal slavery. Topics examined include: the development of the slave system, African-Americans, and the Declaration of Independence, and the abolition movement.

Term:

Occasional

- **HST-272 African-American History From 1860**

Credits:

4.00

Description:

Examines African American history from the end of slavery to the twenty first century. Topics examined include: Emancipation and Reconstruction, Reconstruction and the Constitution, the Harlem Renaissance, the Civil Rights and Black Power Movements, and African-Americans at the start of the twenty-first century.

Term:

Occasional

- **HST-274 Women in 19TH-CENTURY Europe**

Credits:

4.00

Description:

Explores the condition of European women from 1800 to 1914. Readings focus primarily on women's experiences in France and Great Britain. Topics include: the effects of industrialization on the lives of working-class women; working and middle-class women's negotiation of marriage, work, and family life; the rise of feminism, women's greater participation in the public sphere, and conservative reaction to these changes in women's place in society; women and crime; Victorian ideas about female sexuality; the politics of class and gender in nineteenth-century European society.

Term:

Occasional

- **HST-275 Women in 20TH-CENTURY Europe**

Credits:

4.00

Description:

Examines the changing place of women in European society since 1900. Topics include: women's suffrage and the political advances of the 1920s and 1930s; the revolution in sexual mores, birth control, and the rise of companionate marriage; women and the consumer economy; the anti-woman policies of Fascist Italy and Germany under National Socialism; liberation of women and retrenchment in the Soviet Union; World War II; feminism, sexual liberation, and women's political engagement since the 1960s; and, throughout the twentieth century, women's continuing negotiation of work and family responsibilities.

Term:

Occasional

- **HST-276 History of Modern Latin America**

Credits:

4.00

Description:

The development of Latin American states: society, economy and culture, from colonial origins to the present. Cultural Diversity B

Term:

Occasional

- **HST-278 The Spanish Civil War (1936-1939) and Spain Today**

Credits:

4.00

Description:

This course provides an overview of the Spanish Civil War (1936-1939), examining its causes, course, consequences and relevance in 21st Century Spain. It focuses on the end of the monarchy and the Second Spanish Republic; causes of the War; Hitler, Mussolini, Stalin and the War; the International

Brigades and the Abraham Lincoln Brigade; battles of the Civil War; Francoism; democracy and the pact of silence; Spain's memory wars.

Type:

Social & Intellectual HST

- **HST-281 History of the United Nations**

Credits:

2.00

Description:

This course provides a comprehensive introduction to the United Nations, exploring the historical, institutional, theoretical foundations as well as the political processes and issues facing the organization today.

- **HST-285 Colonial History of Latin America**

Credits:

4.00

Description:

An introduction to Latin America's colonial history through the Revolutionary Wars for Independence. The course examines topics that are relevant to issues and challenges facing Latin American and Caribbean peoples today, including poverty, corruption, human rights, the power of religion, race and identity, the environment, international trade, political representation, foreign intervention, cultural survival, and the exploitation of land, labor and resources.

Term:

Occasional

- **HST-288 Presidents We Love to Hate**

Credits:

4.00

Description:

Some are born great, some achieve greatness, and some are complete disasters. Find out why some Presidents have been consistently ranked as great, been enshrined on Mount Rushmore, and why others have not. Even the greatest have been subject to criticism and ridicule, and even the worst

have had their triumphs. Explore the reasons for this, and come to understand the historical context in which different chief executives have acted.

• HST-289 Hamilton: The Seminar

Credits:

4.00

Description:

The life and times of Alexander Hamilton--soldier, politician, financier, husband, father, philanderer, writer--through primary documents and biographical materials. We will uncover the world of the American founding and discover how we know what we know about the world that once was.

• HST-290 19th Century America

Credits:

4.00

Description:

Explores the history of the United States from 1810 to 1910. Students study the growth of American institutions, the rise and effects of a market society, westward expansion and Indian affairs, the enlivening of U.S. civic ideals, debates over free labor and slavery, the causes and effects of the Civil War, post-Civil War redefinitions of citizenship, immigration, Progressivism, and the nation's entry on to the world stage.

Term:

Occasional

• HST-292 American Foreign Relations Since 1898

Credits:

4.00

Description:

Surveys the history of the U.S. as a world power. Examines officials' motives and methods, as well as influences on policy in the form of social and economic forces, interest groups, and foreign challenges. Explores public debates over America's role (as well as debates among historians and international relations theorists), and discusses the domestic and foreign impact of America's world role. Major events addressed include the two world wars, the Cold War, Vietnam, and the U.S. recent history of involvement in the Middle East.

Term:

Occasional

• HST-304 Imperial Rome**Credits:**

4.00

Description:

This course offers an introduction to the Golden Age of Roman culture and power. Close readings of selections from major historians, poets, political thinkers, and philosophers will be examined in the context of Augustan Rome. Topics such as pietas, virtus, and gravitas, as well as the competing claims of public duty and private devotion, stoic maxim and erotic love lyric, will be discussed from the perspectives of writers such as Virgil, Livy, Tacitus, Horace, Catullus, and Lucretius. Cross-listed with ENG 490.

Term:

Occasional

• HST-308 Public History in Practice**Credits:**

4.00

Description:

Explores the key concepts and current practices of public history as an academic discipline and professional field in museums, libraries, archives, historical societies, historic houses, and preservation organizations. Examines the presentation and interpretation of history to popular audiences through documentaries, motion pictures, Web sites, and other forms of media. Topics covered will include curation, conservation, fundraising, educational and interpretive programming. Students will gain practical experience by participating in substantive, directed projects with partnering organizations.

• HST-312 Renaissance and Reformation Europe**Credits:**

4.00

Description:

Explores the intellectual and cultural developments of the Renaissance, and of the Protestant and Catholic Reformations in their social and political contexts. Topics include: Humanism, the rise of the

city-state; art, and science; changes in family and social life; the causes of the Reformation (intellectual, social, technological); Calvinists, Lutherans, and Radical Reformers; Counter-Reformation and its political consequences; the Wars of Religion.

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-313 Cities of Early-Modern Europe**

Credits:

4.00

Description:

Explores the political, economic, social and cultural development of the urban experience in Europe in the 14-1700s. The history of the most important cities of the continent and Mediterranean, and their common path in business, urbanism, society and imperialism.

Type:

Social & Intellectual HST

- **HST-318 History of Sports in America**

Credits:

4.00

Description:

This class will look at the history of sports in America from the era of American independence to the present. This course will examine the various roles which sports has played in American society including entertainment, cultural, social, political, and business.

Term:

Occasional

- **HST-319 The History of Black Music in America**

Credits:

4.00

Description:

Using music as a window this class explores the history of Black America as well as the history of all America. Through a combination of texts, videos, and recordings this class examines the music of Black America, from it's African roots to hip hop in the 21st century. This will be done in the context and communities in which black music was created and performed, and also in relationship to the wider world.

Term:

Occasional

• HST-321 History of Islam**Credits:**

4.00

Description:

Presents a coherent account of the origin and history of Islam since its foundation in Arabia in the seventh century A.D. to the present. Analyzes the terms, events, characteristics, developments, movements, and institutions that have been part of the shaping of Islam. Ideological challenges and impact of Islam in the world today from both spiritual and political perspectives are examined.

Term:

Occasional

• HST-322 French Revolution and Napoleon**Credits:**

4.00

Description:

Examines the origins of revolution in 18th-Century France; the outbreak of revolution; the French Republic; the Reign of Terror; the European impact of the Revolution; the career of Bonaparte; Napoleonic warfare, the rise, fall and significance of the Empire.

Term:

Occasional

• HST-325 Exploration, Colonization, and Imperialism

Credits:

4.00

Description:

Begins with an overview of the Old Worlds (Africa, America, Asia and Europe) before the rise of the European hegemony. Next we will look at the growth of Europe's nation-states and their movement into the control of world trade. Then we will cover the period from the fifteenth to the nineteenth centuries - the transition from exploration to colonization to imperialism. The final segment of the class will pick up with the colonial/imperial system and its impacts on the modern world. Cultural Diversity B

Term:

Occasional

• HST-326 The Russian Revolution**Credits:**

4.00

Description:

Examines the long Russian Revolution (1900-1930), one of the most important events of the 20th century. Topics include: the long-term trends and challenges that helped unleash the crises of 1917-1919; Rasputin's influence at the imperial court; challenges to the new Bolshevik regime; progress, modernization, and similarities to the new capitalist democracies of the West; the status and role of workers, women, and peasants in USSR; Lenin, Trotsky, and Stalin as leaders and individuals. (Formerly HST 433)

Term:

Occasional

• HST-327 World History: Selected Topics**Credits:**

4.00

Description:

Emphasizes the continuities and changes that take place within civilizations; the similarities, differences, and relationships that exist among contemporary civilizations around the world. Special attention given to the evolving conflict between traditionalism and modernity.

Term:

Offered Spring Term

- **HST-333 The United States: 1898-1945**

Credits:

4.00

Description:

Addresses social, intellectual, and cultural developments as well as politics and economics; foreign relations (and their connection to the domestic scene) are also discussed. Topics include: the labor movement, civil rights, woman suffrage, progressivism, the rise of the U.S. as a world power, the First World War, the cultural and social crosscurrents of the nineteen-twenties, Fordism, new developments in advertising and industrial engineering, the Great Depression, the New Deal, and World War II.

Term:

Occasional

- **HST-334 The United States: 1945-1970**

Credits:

4.00

Description:

American history in the decades immediately following World War II. Topics include the origins of the Cold War, McCarthyism, the emergence of a consumer society, the growth of the suburbs, the Civil Rights movement, the new women's movement, Vietnam, and the political upheavals of the 1960s.

Term:

Occasional

- **HST-335 The United States Since 1970**

Credits:

4.00

Description:

Examines the transformation of America in the decades since the early nineteen-seventies, taking up social, intellectual, and cultural developments as well as politics and economics; foreign relations (and their connection to the domestic scene) are also emphasized. Topics include: Watergate, the aftermath of the Vietnam War, the end of the post-World War II economic boom, the culture wars, the rise of the

New Right and decline of the New Deal order, the end of the cold War, America's growing involvement in the Middle East globalization, the impact and aftermath of 9/11, and the Great Recession of the early twenty-first century.

Term:

Occasional

Type:

Social & Intellectual HST

• HST-336 Fifth-Century Athens

Credits:

4.00

Description:

An introduction to Periclean Athens, the golden age of classical Greek literature and thought. Close readings of selections from the historians Herodotus and Thucydides, the dramatists Aeschylus and Euripides, the poetry of Pindar, and Plato's great work on politics, *The Republic*. Cross-listed with ENG 316.

Term:

Occasional

• HST-342 Modern Japanese History

Credits:

4.00

Description:

Examines Japanese history from the beginning of the seventeenth century to the end of the twentieth century. The topics include early modern Japan during the Tokugawa era, Meiji Restoration, Japanese imperialism and World War II, Japan's emergence as the second largest economy in the world.

Term:

Occasional

Type:

Asian Studies

- **HST-348 Samurai: History, Literature & Film**

Credits:

4.00

Description:

Explores the history of samurai and its cultural meaning for Japanese society. It examines not only how the samurai class developed into a major political force, but also how it has been represented by literatures and films in different eras.

Term:

Occasional

Type:

Asian Studies

- **HST-357 History of Spain I**

Credits:

4.00

Description:

Surveys the most transcendental social, cultural, economic and political developments in the history of Spain from the Neolithic to the Early Modern Period. Examines the broad history of the nation and its peoples and placing emphasis on three central themes: diversity within the Iberian Peninsula, the region's social and geo-political structures, and the transformation of the Old Order of the ancient kingdoms into a modern, nation-state. Topics include: the Pre-historical period, Roman Hispania, the Medieval Kingdoms, Islamic Civilization, the Christian Reconquest, the Catholic Monarchy, Imperial Spain under the Habsburgs, and the Crisis of the Spanish Empire in the 17th century.

- **HST-358 History of Spain II**

Credits:

4.00

Description:

Examines the political, economic, and social history of Spain from 1700 to the present. Topics include: the War of Spanish Succession; the Bourbon state; the Enlightenment in Spain; the impact of the French Revolution; Spain in the Napoleonic Wars; the rise of liberalism, socialism, and anarchism; the crisis of 1898; the problems of modernization; the Spanish Civil War and the Franco regime; the transition from dictatorship to democracy; Spain's international position today.

- **HST-H359 The Age of Franklin**

Prerequisites:

Permission of the Instructor required.

Credits:

4.00

Description:

Benjamin Franklin (1706-1790) rose from relative poverty and obscurity to become one of the most powerful and successful men of his century. Examines the political, scientific, and literary, an diplomatic cultures of the eighteenth century by focusing on Franklin's life, reading Franklin's Autobiography, and selections from his political, scientific, and satirical writings. This is an Honors-level course.

Term:

Occasional

Type:

Honors

- **HST-360 Native America: From Pre-History to the Trail of Tears**

Credits:

4.00

Description:

Examines the native people of North America before and after the European conquest. Native Americans' relations with one another and their reactions to the Europeans; European and Native American perceptions of one another; white Indians and noble savages; resistance and assimilation; the United States and Indian removal.

Term:

Occasional

- **HST-361 Native America 1832 to Present**

Credits:

4.00

Description:

Topics will include the Plains Indian Wars; ethnological aspects of Indian tribes; the pitfalls of Indian reform movements; Indian resistance to U.S. assimilation and reservation policies; the Indian New Deal; activism and the American Indian Movement; Indians' future prospects. Cultural Diversity A

Term:

Occasional

Type:

Social & Intellectual HST

- **HST-362 History of Piracy**

Credits:

4.00

Description:

Explores the historical reality of pirates and piracy, focusing on the Golden Age years of 1650 to 1730, reasons why men (and some women) turned pirate, and why there has existed a continuing fascination with pirates for centuries. Particular emphasis is placed on the interaction between pirates and New England. Students will read primary sources and accounts, secondary sources, and fictional presentations - both books and films - to better understand piracy, why it happened, and why it continues to fascinate.

Term:

Offered Spring Term

- **HST-363 Naval History: U.S.S. Constitution**

Prerequisites:

03 Feb 2010 02:57pm Eric A Hatch

Credits:

4.00

Description:

In 1794 Boston's citizens watched the largest ship built here up to that time come together at the water's edge. Students will explore the 203-year story of Constitution by learning how craftsmen built this massive ship without electric tools; by following her two hundred years of naval service to the nation; by examining life at sea for the 450 sailors and officers who lived on board for voyages lasting

several months; and by surveying the ways Americans have adopted Constitution as a national symbol, using her image to adorn decorative as well as utilitarian objects. Meets at the USS CONSTITUTION Museum and the USS CONSTITUTION.

• HST-364 History Curating & Exhibiting

Credits:

4.00

Description:

Explores the opportunities and challenges of presenting and interpreting history through exhibits at public institutions. Examines the role of history curator as traditional keeper of the past and current presenter and communicator of history and the role of history museums/heritage centers as educational institutions for diverse, multiple audiences. Students will learn how to evaluate objects and other materials to create an historical narrative. Students will experience how to research, design, plan, fund, install, and promote exhibits of historical subjects.

• HST-368 Boston's Historic Houses

Credits:

4.00

Description:

Working with historic houses in Boston, students will learn that art of interpreting history. Using collections, archives, and other repositories, students will research the houses and the people who lived in them. Many of these houses have existed from colonial times and had various uses. Formerly:HST 368 Introduction to Historical Interpretation.

Term:

Occasional

• HST-369 American Objects: Materials, Meaning and History

Credits:

4.00

Description:

Explores American history through material objects - from colonial silver teapots to 1960s lava lamps. Students will investigate an object's purpose, how it was made and who made it, and interpret the object's cultural meanings for American history. Topics covered will include the decorative arts, vernacular architecture, archaeology, industrial design, ethnicity and gender, visual culture, and

landscapes. Lectures and discussions will be complemented with visits to museums, historic houses, and other sites. Students will learn how to research and write about material cultures, placing objects or spaces in their historical context.

- **HST-371 U.S. Women's History Colonial to 1865**

Credits:

4.00

Description:

Traces the roles, images and experiences of women in America from colonial times to 1865. Topics include the family, work, religion, education, health care, motherhood, sexuality, social and political activism legal status, labor activism and popular culture. With attention to ethnicity, race, class, age, region of residence, disability and sexual orientation, the course focuses primarily on the everyday lives of ordinary women.

Term:

Offered Fall Term

- **HST-372 U.S. Women's History: 1865-present**

Credits:

4.00

Description:

Examines the social and cultural history of women in the United States from the close of the Civil War to the present. Using not only gender but also race, ethnicity, class, age, disability, region of residence, and sexual orientation as important categories of analysis, this course focuses on women's private and public lives. Topics include the family, work, religion, education, health care, private lives, motherhood, sexuality, social and political activism, legal status, labor activism, and popular culture.

Term:

Offered Spring Term

- **HST-373 History of Human Rights**

Credits:

4.00

Description:

Examines the history of human rights from the Enlightenment to the present, including the historical origins of human rights and its evolution over time as well as topics such as slavery, imperialism, women's rights, and genocide.

Term:

Occasional

- **HST-377 Caribbean and Latin-American Diaspora**

Credits:

4.00

Description:

A look at the migration of people, along with their culture, to and from the Caribbean and Latin America. The first half of the course looks at how European, Asian and African diasporas settled in the region, assimilated and contributed to the ethnic and cultural base of Caribbean and Latin America countries in the colonial period. The second half offers insight into how and why people from the Caribbean and Latin America would later form diasporas of their own in countries like the United States in the twentieth century. Students taking this course will get a sense of the struggles, accomplishments and culture of Caribbean and Latin American peoples in the United States. Formerly HST 286.

Term:

Occasional

- **HST-381 American Colonial History**

Credits:

4.00

Description:

Explores the founding and settlement of North America; the social, economic, and political development of European colonies and their interactions with Native People; the social religious, and cultural world of early America; witchcraft, slavery, and warfare; the British-French struggle for control of the North American continent; and the background and causes of the American Revolution.

Term:

Occasional

- **HST-383 Boston: Heritage of a City**

Prerequisites:

One History course

Credits:

4.00

Description:

Boston from its foundation in 1630 to its development as a 21st century metropolis. From the Massachusetts Bay Colony, to cradle of the American Revolution, to a Yankee merchant capital, Brahmin cultural center, and immigrant melting pot. When offered in the hybrid format, this course will meet at the regularly-scheduled time, but lectures and other course materials will be available on the course Blackboard site in case you cannot attend.

Term:

Offered Fall Term

Type:

Social & Intellectual HST

- **HST-385 Slavery & Race in American History**

Credits:

4.00

Description:

Topics will be selected from the following: the nature of slavery; the origins of slavery in America and the process of enslavement; the economics of slavery; the American Revolution and slavery; the slave trade; black and white women and the institution of slavery; rebellions of enslaved people; the pro-slavery argument; racial thought; masters and the culture of the South; the movement to abolish slavery; the literature of slavery; the Civil War and the end of slavery; Reconstruction; Segregation; the Civil Rights Movement; race and racism in contemporary America.

Type:

Social & Intellectual HST

- **HST-389 Creating the Constitution**

Prerequisites:

Sophomore Standing Required

Credits:

4.00

Description:

Investigates the development of American constitutional government, from the political crisis of the 1780s to the Civil War. The problems of individual liberty versus government power; state rights; race and slavery; war powers; pluralism.

Term:

Occasional

- **HST-392 American Civil War and Reconstruction**

Credits:

4.00

Description:

Examines the biggest war in American History; from the antebellum reform and expansion movements, slavery and the deepening sectional crisis of the 1850s. Analyzes violent war and Reconstruction to 1877.

Term:

Occasional

- **HST-394 Slavery in Film, Literature and History**

Credits:

4.00

Description:

A seminar on slavery in the United States as depicted in history, literature, and film. Topics may include resistance to slavery, honor, the attack on slavery, the cultural and social worlds of masters and enslaved people, the thought of masters and enslaved people, women and slavery, and/or slavery as an economic institution.

Type:

Social & Intellectual HST

- **HST-395 US History: Race and Ethnicity**

Prerequisites:

Permission of Instructor Required

Credits:

4.00

Description:

Explores the history of the United States from perspectives of some of America's racial and ethnic groups. Through readings, writings, and discussions students will examine the history of difference and diversity in the United States.

Term:

Occasional

- **HST-396 The African Diaspora**

Credits:

4.00

Description:

Examines the global dispersion of African people outside of the African continent. The history and culture of African descendant people and their communities in the Americas, Europe, and Asia will be included.

Term:

Occasional

- **HST-412 Europe in the 20th Century**

Credits:

4.00

Description:

Examines the political, economic, social and cultural developments of the principal European states since 1900. Topics include: World War I; the social and economic dislocations of the 1920s and 1930s; the rise of Fascism and National Socialism; World War II; the remains of colonialism; modernization and Americanization since the 1960s; the European Union; Europe after the Cold War; and throughout the twentieth century, the importance of class and class conflict, nationalism, and war in shaping the European experience.

Term:

Occasional

Type:

Social & Intellectual HST

• HST-414 Nazi Germany**Credits:**

4.00

Description:

Examines German and European preconditions; the Versailles Treaty and the failure of the Weimar Republic; Hitler's ideas, collaborators and institutions; Nazi foreign and domestic policy; World War II and the concentration camps.

Term:

Occasional

• HST-426 Politics and Culture in Europe 1919-1939**Credits:**

4.00

Description:

Explores the social and political development of European society between the two world wars, primarily through the literature, art, and films of the period. Topics include: the dissolution of pre-1914 middle class society; deviance and sexuality in the 1920s; the role of decadence in art and the Fascist response to deviance in life and art; women, workers, and the new technology; the rise of Fascism; political engagement and polarization throughout European society in the face of economic and social crisis.

Term:

Occasional

Type:

Social & Intellectual HST

• HST-441 Social Movements in the Caribbean

Credits:

4.00

Description:

A case-study approach to studying the various means by which people in the Caribbean sought to overcome the legacies of colonial exploitation of their land, labor and resources. The course also offers lessons from the case-studies for approaching/achieving positive social change. Students will learn about the people's struggles to improve their social lives, reduce poverty, access land, expand human rights, reduce illiteracy, and gain accountability from their governments through violent and non-violent means.

Term:

Occasional

- **HST-469 Research Seminar: African American Life in Slavery and Freedom- Reconstruction and the Freedman's Bureau**

Credits:

4.00

Description:

Introduces students to the Reconstruction era in American history, and uses Reconstruction as a bridge to look at enslavement, which preceded the era, and the issue of freedom during, and after the era. In the first half of the class students read from texts that will provide them with an understanding of slavery, emancipation and reconstruction. The second half of the class will utilize on-line collections of the Freedman's Bureau Papers to allow students to use documents to deepen their understanding of the Reconstruction era. The class will also provide a comparative approach by considering questions of citizenship in the 19th century for people of African descent in the United States, Latin America and the Caribbean. This course is identical to BLKST 469.

Term:

Occasional

- **HST-471 Self, Body, & Sexuality- U.S. History**

Credits:

4.00

Description:

This course examines American debates over the natures, capacities, and responsibilities of men and women from settlement of the New World through the present. Emphasis is given to three elements of

the self: social and civic personhood, the body, and sexuality. We will focus on representations of womanhood and masculinity - across racial, ethnic, and class lines - and their effects on men and women in society, politics, and at law. Course readings will also examine concepts of human nature and the interplay among mind, body, and sexuality.

Term:

Occasional

• HST-483 Death, Disease, Healing-Us Hst

Credits:

4.00

Description:

Investigates how Americans have understood and responded to health, illness, and death from the eighteenth century to the present. Examine interactions among patients, healers (orthodox and heterodox), the medical and scientific professions, business, and government. Explore the effects of scientific and technological advancements, industrialization, urbanization, immigration, war, and social movements on the nation's moral and political economies of health, and on evolving ideas about bodily integrity and autonomy, linked to historical relations of gender, race, class, and sexuality.

• HST-H483 Death, Disease, Healing- U.S. History

Prerequisites:

Sophomore status required. GPA 3.3 or higher OR instructor permission.

Credits:

4.00

Description:

Investigates how Americans have understood and responded to health, illness, and death from the eighteenth century to the present. Examines interactions among patients, healers (orthodox and heterodox), the medical and scientific professions, business, and government. Explores the effects of scientific and technological advancements, industrialization, urbanization, immigration, war, and social movements on the nation's moral and political economies of health, and on evolving ideas about bodily integrity and autonomy, linked to historical relations of gender, race, class, and sexuality. This is an honors-level course.

Term:

Occasional

Type:

Honors

- **HST-484 History of the Emotions**

Credits:

4.00

Description:

Explores ideas about emotional life from the fields of history, anthropology, sociology, and psychology as well as the evolution of emotion rules and prescriptions, focusing on western Europe and the United States since 1700. In the eighteenth century, emotions were seen as a positive influence on politics and public life, especially during the French Revolution. After the fall of Robespierre, the emotions were banished to the private sphere - so we will read both primary sources and recent scholarship on 19th- and 20th- century ideas about masculinity and femininity, romantic love and marriage, childrearing, and about what parents and children are supposed feel toward each other, how ideas about these subjects have changed over time, and whether our feelings change with them.

Term:

Occasional

- **HST-489 Germany: Film, Politics, Memory Since 1945**

Credits:

4.00

Description:

Explores German history since 1945 through film, newsreels and other archival footage, war memorials and museums, novels, published diaries, memoirs, and recent historical scholarship. Topics include the representation, in film and other texts, of: post-war rebuilding; the German Economic Miracle; divided Berlin; 1960s and 70s radical politics; coming to terms since 1945, with Germany's Nazi past and the Holocaust; coming to terms since 1990 with the Stasi and East German past; Ostalgie (nostalgia in the 21st century for some aspects of East German socialism); the multi-cultural society that is Germany today, with new Turkish, Greek, Russian, Arab, and even Israeli communities.

Type:

Social & Intellectual HST

- **HST-494 Politics and Protest**

Credits:

4.00

Description:

Examines the impact of organized reform movements on American history from the 1800s to the twenty first century. In each era presented, students will explore the various dynamics that impact reform.

Term:

Occasional

• HST-510 Independent Study**Prerequisites:**

An Independent Study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 4.00

Description:

By special arrangement, members of the History department will schedule seminars or individual discussion sessions with students interested in directed reading and research. Open to Juniors and Seniors with the permission of the instructor.

Term:

Offered Both Fall and Spring

• HST-522 History Internship**Prerequisites:**

Permission of instructor required.

Credits:

4.00

Description:

Require approximately 12 hours of work per week in a history-related position, at a museum, historical society, or archive. Designed to introduce the student to the professional opportunities and responsibilities in the fields of public history or historic preservation. Interested students should consult the instructor in advance. Prerequisite: Permission of instructor is required.

Term:

Offered Both Fall and Spring

- **HST-H555 Senior Honors Thesis**

Credits:

4.00

Description:

An individual program of reading, research, and writing on an approved topic, under the supervision of a History faculty member. The completed thesis will be at least 20-25 pages reflecting original research. The qualifying student must have a 3.5 overall grade point average, and a 3.7 grade point average in History classes, must be recommended by two History faculty members, and must submit a writing sample of at least 5 pages to the Department chair by the end of their junior year. Must be taken in the Fall of the Senior year.

Type:

Honors

- **HUM-502 Honors Thesis**

Prerequisites:

Permission of the Department Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Occasional

- **IMGD-490 Project in Game Implementation and Integration**

Prerequisites:

IMGD-480

Credits:

4.00

Description:

This course is part 2 of a 2-semester sequence devoted to developing and implementing a fully playable video game. In Part II students concentrating both in VGD and VGP will work collaboratively to implement the game designed in IMGD-480 including software development, artwork, sound and music, usability study, and testing of the complete game.

• IMGD-510 Independent Study**Credits:**

3.00

Description:

An Independent Study provides the student with the opportunity to examine an issue of interest that falls outside the parameters of the existing curricula. The student will work on a one a one basis with a Full Time faculty member to realize a particular and well defined goal. All proposals for Independent Study must be approved by the Interactive Media and Game Design committee and Dean's office in advance of the beginning of the semester during which the work will be completed.

• ITAL-101 Elementary Italian I**Credits:**

4.00

Description:

Practices and develops oral and written language skills. Explores the culture and language of Italy through audio-visual and textual materials.

Term:

Offered Fall Term

• ITAL-102 Elementary Italian II**Prerequisites:**

ITAL-101 or instructor's permission

Credits:

4.00

Description:

Continues to practice oral and written language skills. Explores the culture and language of Italy through audio-visual and textual materials.

Term:

Offered Spring Term

Type:

Modern Language

• JPN-101 Elementary Japanese I

Credits:

4.00

Description:

For students with no previous knowledge. An introduction to features of spoken and written Japanese. Stresses grammar, oral performance and simple characters.

Term:

Offered Fall Term

• JPN-102 Elementary Japanese II

Prerequisites:

JPN-101 or Instructor's consent

Credits:

4.00

Description:

Continues to develop proficiency in reading, writing, and speaking Japanese. Helps to further develop listening skills with the use of authentic materials, such as print media and audio files.

Term:

Offered Spring Term

• JPN-202 Intermediate Japanese II

Prerequisites:

JPN-201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills developed from JPN 201. One language laboratory session per week.

Term:

Offered Spring Term

- **JPN-510 Independent Study**

Prerequisites:

Instructor's Permission required.

Credits:

4.00

Description:

Various topics can be covered based on student interest. Topics have included intensive upper-level reading comprehension and grammar study. Topics are to be arranged with faculty member.

- **LACS-408 Latin America Cinema**

Credits:

4.00

Description:

A survey of films from Argentina, Mexico, Cuba, and other Latin American countries. Occasionally the course includes films produced in the United States that are directed by Hispanic filmmakers or that illustrate the significance of Hispanic culture in North America. Films in Spanish with English subtitles. All written assignments and class meetings are in English. Cultural Diversity B. Prerequisite: None. ENG102 or 103 are strongly recommended. Normally offered alternate years.

- **LACS-416 Border Crossings: The Latino Experience USA**

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent.

Credits:

4.00

Description:

The myth of a singular Latino experience in the United States will be examined through a variety of genres including: prose, poetry music, film, and theatre. Issues of gender, racial, ethnic and social identity will be addressed as we study mainstream and marginal voices within the U.S. Latino Community. Among the writers read will be Sandra Cisneros, Junot Diaz, Julia Alvarez, Tato Laviera, and Esmeralda Santiago. All written assignments and class meetings are in English. Cultural Diversity A. Normally offered alternate years.

- **LAWU-101 Ethics and Legal Practice Skills**

Credits:

4.00

Description:

Introduces the student to the responsibilities of paralegals and to the culture of the legal profession. Topics include the development of paralegalism as a profession, the definition of the practice of law, ethical considerations, interviewing techniques, legal research, law office management, and client relationships. Normally offered each semester.

- **LAWU-201 Introduction to Law**

Credits:

4.00

Description:

This course provides an introductory overview of the American legal system, legal reasoning, and the legal profession. Students will learn about the structure of the federal government and the relation between state and federal systems, with a focus on the courts and the litigation process. Students will read primary legal materials such as judicial opinions and statutes and will complete assignments that provide opportunities to engage in legal reasoning, analysis, argument, and research. The course will also provide theoretical perspectives on the role of law in society, as well as a brief look at the legal profession and the work that lawyers do.

- **LAWU-211 Litigation**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The Rules of Civil Procedure dictate the steps taken in state and federal lawsuits. This course will acquaint students with rules and the practical requirements of the rules, from filing a complaint to clarifying a judgment and to the duties of paralegals in a litigation office. Normally offered each semester.

- **LAWU-221 Law of Contracts**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The existence and validity of a contract is determined by specific rules. Students will learn about formation through offer and acceptance, contract enforceability, the necessity of consideration, and breach of contract and will draft contract provisions as a paralegal might in a law office. Normally offered each semester. Sophomore status required.

- **LAWU-260 Criminal Law**

Credits:

4.00

Description:

This course examines criminal law in the United States from a broad perspective. It will present the general principles and doctrines that affect the whole criminal law, such as elements of criminal offenses, defenses to crime, and perspectives on crime and criminal law. In addition, students will learn the elements of specific crimes, such as homicide, criminal sexual conduct, terrorism and related crimes, crimes against public morals, and crimes against property. Discussions of the direction of the criminal law and constitutional limitations on government will be presented as preparation for future study.

- **LAWU-265 Law and Ethics**

Credits:

4.00

Description:

Ethical issues are central in law for lawyers, paralegals, judges, jurors and anyone working within or touched by the legal system. This course examines philosophical questions, practical issues, and social theories of law, primarily through the use of legal materials, to analyze legal ethical theory. The course considers how major theories are characterized within the American legal system, including the presumption of innocence, due process guarantees, the right to counsel, and other fundamental legal concepts. Normally offered alternate years.

• LAWU-270 Technology and the Law

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The role of computers and software in the law office as it affects the paralegal Lectures and hands-on applications will focus on the changing technology of computer hardware through fact scenarios that students will use to track changes from introduction to resolution in litigation. Focus on software applications involving word processing, spreadsheets, billing, diary and scheduling, research, and use of the Internet.

• LAWU-280 Domestic Violence, Abuse and Neglect

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

An opportunity to learn the history of domestic violence including battering, child abuse and child neglect, and the legal response to it. Focus will be on Massachusetts Law and its response, especially the Abuse Prevention Act, its application and enforcement, and on laws protecting children from abuse and neglect. Filings, law office issues and special issues in dealing with battered women and abused and neglected children will be included with the psychological issues, cultural issues, and advocacy possibilities. Normally offered yearly. Sophomore status required. Cultural Diversity A

- **LAWU-301 Legal Research and Writing I**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

How to use the law library, perform legal research, write legal analysis in memorandum form, and use computers as a research tool. Initial focus is on learning how to find legal materials, including federal and state case law, statutory law, and administrative law. Use of finding tools such as digests, encyclopedias, and CALR will be studied, as will shepardizing. Focus also on legal writing, from letters through case analysis. Normally offered fall semester. Sophomore Status Required

- **LAWU-310 Gender, Sexuality, and the Law**

Prerequisites:

Take LAWU-101 or LAWU-280 or LAWU-340

Credits:

4.00

Description:

This course will provide undergraduate students with an introduction to the many ways that gender and sexuality are affected by, and affect, the law in the United States. Subjects explored will include the history and context of sex-based and orientation-based discrimination in American law, the primacy of gender as it affects and is affected by law, and special cases of transgender and intersex ideation within American legal constructs. Particular emphasis will be placed on the law of sexuality and gender in the workplace, in education, in criminal law, and within social relationships such as families.

- **LAWU-325 Wills and Probate**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

State laws affect the disposition of an individual's estate at death, and upon death, the estate must be probated in court. Focus on estate information gathering, drafting of wills, and the probate of estates for those with and without wills. Emphasis on the role of the paralegal in a law office handling wills and probate.

- **LAWU-330 Real Estate Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

This course will present common law real estate principles and the effect of federal agencies on the buying and selling of real property. Sample forms including leases, purchase and sale agreements, and closing forms are reviewed and drafted.

- **LAWU-335 Torts: Personal Injury Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Many civil suits arise when the negligence of an individual creates injury to another. Elements of negligence law and specific types of cases such as automobile accidents and medical malpractice will be studied, with an emphasis on practical aspects of drafting and research for the prospective paralegal.

- **LAWU-340 Family Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Family law includes marriage, divorce, support, custody, property division, and abuse prevention petitions. Essentially an area of state law, it is often the backbone of general practice law firms. The role of paralegals in a family law office will be studied.

• LAWU-345 Education Law**Prerequisites:**

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

This course provides a basic overview of key issues in contemporary education law and policy. Relevant local, state, and federal laws will be reviewed as well as education policy issues, including civil rights, student safety and discipline. This course will also cover the core educational entitlements granted to all students with disabilities in the public education system. It will focus on the substantive legal protections designed to ensure that students with disabilities receive a Free and Appropriate Public Education, and on the various procedural protections for students and parents. The course will cover major federal legislation such as the IDEA, ADA and Section 504, as well as major Supreme Court and other important cases. The course will cover fundamental legal issues balancing the interests of the public, schools, students, and parents. Additionally, since paralegals have become an important part of education law enforcement and practice, several assignments will focus on practical paralegal work.

• LAWU-350 Intellectual Property**Prerequisites:**

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

A survey of the law of the protection of ideas, trade secrets, inventions, artistic creations, and reputation. The course will briefly review the bases for patent, trademark, copyright and trade secret protection, the distinction among the various forms of intellectual property, and the statutory and common law methods of enforcing rights.

• LAWU-355 Corporate Law

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Corporations are unique business entities and specialized citizens of the state. This course will examine the special rules for establishing and maintaining a corporation, including the nature of corporations and their legal relationships with governments, individuals, and other business entities. Students will learn about the role of paralegals in corporate law offices, including document management and production, corporate litigation processes, and maintaining corporate compliance.

• LAWU-360 Administrative Law and Worker's Compensation**Prerequisites:**

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Federal and state administrative agencies such as FTC, NLRB, and EEOC are extensive sources of law. Familiarity with these agencies is useful in many areas where a paralegal might work. Additionally, Worker's Compensation law is uniquely suited to assist the student in acquiring a practical understanding of the administrative law area, and its legal, administrative, economic, and social foundations will be studied.

• LAWU-365 Employment and Labor Law**Prerequisites:**

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

The nature of the employment relationship and an overview of constitutional and federal statutory provisions which affect the employment relationship will be studied. Particular emphasis on the Civil

Rights Act, the Age Discrimination in Employment Act, and the Americans with Disabilities Act. Statutory provisions regarding benefits and employment-related entitlements will also be studied

- **LAWU-370 Immigration Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

Study of the immigration and nationality laws of the United States focusing on the interplay of the administrative agencies which administer those laws: Justice Department, Labor Department, and State Department. Topics include the immigrant selection system; the issuance of non-immigrant visas; grounds for excluding aliens and waiver of excludability; grounds for removal; change of status, and refugee and asylum status. Special emphasis on the paralegal's role in representing and communicating sensitively with aliens.

- **LAWU-375 International Law**

Prerequisites:

Certificate or Sophomore status, or Instructor's consent

Credits:

4.00

Description:

With the globalization of the world economy, legal professional and business people require knowledge of international law more than ever. This course offers students a survey of selected materials in public international law. Covered will be the practical and theoretical issues of international law, from the Law of the Sea to business implications to definitions of war and international concepts of justice.

- **LAWU-401 Legal Research and Writing II**

Prerequisites:

ALS-361 OR LAWU-301

Credits:

4.00

Description:

Building on the skills in LAW 301 - Legal Research & Writing I, this course continues the focus on learning how to find legal materials and how to summarize research results. Writing skills will be strengthened through various exercises and revisions. Skill development in legal analysis, writing legal memoranda, and using computer assisted legal research with Westlaw and Lexis will be emphasized.

- **LAWU-410 Advanced Legal Litigation and Trial Practice**

Prerequisites:

ALS 362 or LAW 210, or permission of instructor

Credits:

4.00

Description:

Building on the skills introduced in LAW 221, Litigation, this course will provide a thorough study of the rules of evidence, the process of discovery, and the preparation of a case for a trial, as well as the roles of arbitration, mediation, and negotiation in litigation and other legal disputes. Theory will be combined with practical applications for prospective paralegals, such as deposition abstracting, gathering and preserving evidence, and techniques on how to prepare a case for ADR.

- **LAWU-510 Independent Study**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

Individual program of reading and research on an approved topic under the supervision of a member of the department. Only for qualified juniors or seniors. Offered every semester.

- **LAWU-521 Paralegal Internship**

Prerequisites:

Senior standing and at least 15 hours of paralegal courses, or instructor's permission.

Credits:

4.00

Description:

A one-semester internship in either a law office, a governmental agency, insurance company, or a for-profit or non-profit corporation, depending on the positions available during each semester. Once a week seminars will discuss such topics as ethical considerations in a law office, experiences gained as a paralegal interns, and seeking paralegal employment. For specific placements/information, students must contact the Director of Paralegal Studies prior to the start of each semester. Prerequisites: Senior status and at least 15 hours of Paralegal Studies or permission of instructor.

• LAWU-530 Working With Domestic Violence Survivors**Prerequisites:**

Take LAWU-280; Junior standing or higher

Credits:

4.00

Description:

This course will provide undergraduate students with an opportunity to learn the history of domestic violence and the legal and non-legal responses to domestic violence-related issues. The course will also provide opportunities to apply these lessons practically in working with law students from the Suffolk University Law School's Family Advocacy Clinic (FAC) who represent indigent domestic violence survivors as clients. Focus will be on Massachusetts law (especially the Abuse Prevention Act), its application and enforcement, and the effects of domestic violence in the context of family law cases such as divorce, paternity, custody, and child support. This course is intended not only to instruct students about the law of domestic violence but also as a practical, hands-on experience in assisting clients in obtaining and enforcing 209A restraining orders and/or addressing these issues within Family Law proceedings in cooperation with the FAC, specifically Christine Butler and Maritza Karmely. Guest speakers will provide further insight from the perspectives of criminal proceedings involving domestic violence, batterers' intervention programs and shelters for survivors and their children. In addition, students will be required to analyze the causes and patterns of domestic violence and multi-disciplinary responses to these as set forth in the opinions of various writers.

• MATH-000 Mathshop - Bridge to College Math**Credits:**

0.00

Description:

A NON-CREDIT, full semester workshop designed for students who need substantial review before starting MATH 104, MATH 106, OR MATH 121. Similar to a course, MATHSHOP meets three hours per week throughout the semester. Topics covered are tailored to the needs of students and include basic math material, basic algebra, graphing use of calculators, ways of dealing with math fears and study methods. Several sections normally offered each semester.

• MATH-075 Review of Math Concepts for Calculus

Credits:

0.00

Description:

The purpose of this non-credit course is to help engineering students review basic math contents and topics that will be used frequently in their major engineering courses. The course will cover basic algebra (for example, order of operations, exponents, simplifying algebraic expressions, combinations of operations and complex fractions), functions and graphs (including linear, polynomial, and rational, exponential and logarithmic functions) and basic knowledge in trigonometric functions (for example angles and radian measures, right triangle trigonometry, graphs of Sine and Cosine functions)

• MATH-104 Precalculus for Management & Social Sciences

Prerequisites:

MATH level 2 or Mathshop

Credits:

4.00

Description:

A selection of topics in algebra and elementary analytic geometry including, (but not restricted to): properties of real numbers, linear equations and inequalities, absolute value equations and inequalities, polynomials, rational expressions, exponents and radicals, quadratic equations, functions, linear, quadratic and polynomial models, rational, exponential and logarithmic functions. Applications and graphs are stressed throughout the course. This course is intended to prepare students who have only had one year of high school algebra to take MATH 134. Students may not use this course alone to satisfy the C.A.S. math requirement. Qualifying math placement exam score required. Students who are not prepared for this course should take MATHSHOP. Several sections offered each semester.

*This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students. This course cannot be taken for credit by a student who already has credit for a more advanced course.

• MATH-121 Precalculus With Elements of Calculus

Prerequisites:

MATH-104 with a minimum grade of B or MATH level 4

Credits:

4.00

Description:

A review of topics in algebra, trigonometry and analytic geometry intended for students needing one additional semester of preparation before taking MATH 165. Students may not use this course alone to satisfy the CAS math requirement. Prerequisites: MATH 104 with B or MATH 108 with B or higher or qualifying placement exam score indicating solid grounding in intermediate algebra. 4 lecture hours plus 1 recitation session per week. Normally offered every semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students. This course cannot be taken for credit by a student who already has credit for a more advanced course.

- **MATH-128 Math for the Modern World**

Prerequisites:

MATH level 2, or Mathshop, or MATH-104

Credits:

4.00

Description:

From the ISBN on a book, to buying a car, from the size of small chips in a cell phone, to the size of the national debt, or just reading a graph in the daily newspaper, mathematics plays an important and vital role in countless areas of life and your future career and courses included. Mathematics is both an art and a tool created by humans. The common bond is a way of thinking and a way of reasoning to describe and solve problems of many types. This course uses the context of modern real life problems to introduce math needed for literacy and problem solving in contemporary life and work. It uses a minimal amount of algebra and focuses on math models, concepts and basic math manipulations. It encourages students to move from anxiety about math, to using formulas well, to thinking critically in the math context to use math to solve problems and pose new problems. Topics include scientific notation, basic financial math, linear, exponential and polynomial models and an introduction to probability. (Formerly Math 132)

- **MATH-130 Topics in Finite Mathematics**

Prerequisites:

MATH-104, or MATH-121, or MATH level 3

Credits:

4.00

Description:

Linear Modeling (for example, using linear functions to model supply/demand situations), graphing, linear programming, financial functions (compound interest, annuities, and amortization of loans) sets, Venn diagrams, counting and combinatorics, discrete probability, conditional probability, Bernoulli experiments, Bayes theorem. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

• MATH-132 Math-Art, Tool and Human Side**Prerequisites:**

MATH-000 or appropriate Math Placement Exam score. Course does not fulfill math requirement for SBS majors.

Credits:

4.00

Description:

Mathematics is both an art and a tool. It has been used in many ways in contemporary and ancient society. The common bond is a way of thinking and a way of using reason to solve problems and describe things of all sorts. The course is designed to cultivate an appreciation of the significance of mathematics in daily life and develop students' mathematical reasoning. Topics will vary from section to section. Examples of topics that might be included are: the real meaning of a newspaper graph, methods to tally votes, fair division, routes and networks, consumer mathematics, the 'real' cost of a house, shapes and patterns, fractals, soap film surfaces, prime numbers and encryption, new discoveries in mathematics.

• MATH-134 Calculus for Management & Social Sciences**Prerequisites:**

MATH-104, MATH-121 or MATH level 4

Credits:

4.00

Description:

A one-semester introduction to differential and integral calculus. Theory is presented informally and topics and techniques are limited to polynomials, rational functions, logarithmic and exponential functions. Topics include a review of precalculus, linear regression, limits and continuity, derivatives, differentiation rules, implicit differentiation, related rates, applications of derivatives to graphing, minima/maxima, applications of the derivative, marginal analysis, differential equations of growth and

decay, anti-derivatives, the definite integral, the Fundamental Theorem of Calculus, area measurements. This course cannot be used to satisfy core or complementary requirements by students majoring in chemistry, computer science, engineering, mathematics, or physics. Several sections offered each semester. *This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

• MATH-164 Calculus 1 Bridge With Trigonometry

Prerequisites:

Permission of Instructor

Credits:

4.00

Description:

This course provides an alternative to MATH 165 (Calculus I) for those students who have taken MATH 134 (Calculus for Management and Social Sciences) but who do not have the trigonometric precalculus prerequisite (such as MATH 121) for MATH 165. In other words, the sequence MATH 134 / MATH 164 serves as an alternative to the sequence MATH 121 / MATH 165, and similarly prepares students to take MATH 166 (Calculus II). The course includes a thorough review of trigonometry and other precalculus topics. Aspects of limits and differentiation which students have already seen in MATH 134 are presented briefly, but in most cases with more emphasis on conceptual understanding, and often illustrated using more complicated examples. New calculus topics (i.e. not covered in MATH 134) include one-sided limits, special trigonometric limits, differentiability, derivatives of trigonometric functions and their inverses, derivatives of general inverse functions, logarithmic and implicit differentiation, related rates, L'Hopital's rule, intermediate values theorem, Rolle's theorem, mean values theorem, Newton's method, and linearization. 4 lecture hours plus 1 recitation session each week. Normally offered in spring.

• MATH-165 Calculus I

Prerequisites:

MATH-121 with a minimum grade of C, MATH-075, or MATH level 5

Credits:

4.00

Description:

Functions, limits and continuity; instantaneous rate of change, tangent slopes, and the definition of the derivative of a function; power, product, and quotient rules, trig derivatives, chain rule, implicit differentiation; higher order derivatives; applications (curve sketching, limits at infinity, optimization, differentials); other transcendental functions (inverse trig functions, exponential and log functions,

hyperbolic trig functions); anti-derivatives; indefinite integrals; applications (net change). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-166 Calculus II

Prerequisites:

MATH-164 or MATH-165 with a minimum grade of C

Credits:

4.00

Description:

Riemann sums and definite integrals; Fundamental Theorem; applications (areas); integration of exponential functions, trig functions, and inverse trig functions; techniques of integration (by parts, trig substitution, partial fractions); area, volume, and average value applications; differential equations (separable, exponential growth, linear); infinite sequences and series; convergence tests; power series; Taylor and Maclaurin series (computation, convergence, error estimates, differentiation and integration of Taylor series). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-200 Modern Mathematics and Career Exploration

Prerequisites:

Freshman or Sophomore Status

Credits:

1.00

Description:

This one credit course aims to help freshmen and sophomore students form an idea of the scope of the vast and rapidly growing field of mathematics and the many career options, and begin to map out steps toward a potential career path. Mathematics is a diverse discipline that is constantly evolving. It ranges from applied mathematics (tailored to specific real world problems), to mathematical physics (which crafts the mathematical basis for the understanding of physical phenomena), to pure mathematics (which is studied for its intrinsic interest). As the study of such varied concepts as quantity, structure, space and change, mathematics has something for everyone; and valuable applications to many other fields, from business and finance to meteorology, chemistry, ecology and biology, among many others. This module aims to move beyond the foundational math generally taught in freshmen and sophomore year by presenting several areas of recent development and application. In this team-taught seminar-style course, two or three different professors will introduce students to their research areas and related topics. Some of the areas represented among the faculty include fractal geometry, number theory, algebraic geometry, and probability. Students will also be

introduced to resources provided by national mathematical communities on mathematical career paths and backgrounds needed.

- **MATH-255 Probability and Statistics**

Prerequisites:

MATH-165 or MATH-164 with a grade of C or better

Credits:

4.00

Description:

Topics include: random variable and distribution; expectation and variance; special discrete/continuous distributions (uniform, binomial, negative binomial, geometric, hypergeometric, Poisson, normal, and exponential distributions); joint distribution, marginal distribution and conditional distribution; covariance; limit theorems (law of large numbers and central limit theorem); introduction to confidence interval and hypothesis testing; regression analysis. Offered as needed.

- **MATH-256 Statistics With R**

Prerequisites:

MATH 255 or permission of instructor

Credits:

1.00

Description:

The course uses free software R to introduce key concepts in statistics. Topics include Descriptive statistics and graphics, One- and two-sample tests, Regression and correlation, and Analysis of variance. Data from financial markets or computer networks will be used for homework assignments and projects. We will focus on hands on experiences with R rather than theoretical details about statistical analysis.

- **MATH-257 Statistical Analysis**

Prerequisites:

Take MATH-255 with a 'C' grade or higher

Credits:

4.00

Description:

Calculus based introduction to statistical analysis. Topics include Sampling distribution, Point Estimation, Interval Estimation, Hypothesis Testing, Regression, and Correlation Analysis.

• MATH-265 Calculus III**Prerequisites:**

MATH 166 with grade of C or better

Credits:

4.00

Description:

Parametric equations and polar coordinates (curves, areas, conic sections); vectors and the geometry of space (the dot product, vector arithmetic, lines and planes in 3-space, the cross product, cylinders and quadratic surfaces); vector functions (limits, derivatives and integrals, motion in space); partial derivatives (functions of several variables, limits and continuity, tangent planes and differentials, chain rule, directional derivatives, gradient, extrema, Lagrange multipliers); multiple integrals (double integrals, applications); vector calculus (vector fields, line integrals, fundamental theorem for line integrals, Green's Theorem, curl and divergence, parametric surfaces, surface integrals). 4 lecture hours plus 1 recitation session each week. Normally offered each semester.

• MATH-285 Discrete Mathematics**Prerequisites:**

MATH-164 or MATH-165 with a grade of C or better

Credits:

4.00

Description:

Topics mostly selected from the following list: Logic and set theory, elementary number theory, relations and functions and their properties (equivalence relations, partial order relations, recurrence relations and their solutions); computational complexity of algorithms (big O notation); graphs and their properties (isomorphisms of graphs, Euler and Hamilton paths, shortest path problem, graph coloring) trees (tree traversal, minimum spanning trees); finite state machines; methods of proof (proof by induction, proof by contradiction). Prerequisite: MATH 220 or permission of instructor. 1 term - 4 credits (4 lecture hours per week). Normally offered at least once each year.

• MATH-290 Financial Mathematics I

Prerequisites:

MATH-166, 164 or 165 with a minimum grade of C

Credits:

4.00

Description:

This course is mainly designed for students who are interested in financial mathematics and/or actuarial sciences, especially if they plan to take the second actuarial exam, and/or if they plan to study more in financial mathematics. The materials covered include time value of money, annuities, loans, bonds, cash flows and portfolios, general derivatives, options, hedging and investment strategies, forwards and futures, and swaps.

- **MATH-331 Introduction to Abstract Math**

Prerequisites:

MATH-166 minimum grade of C

Credits:

4.00

Description:

this course is intended to provide a firm foundation for and a taste of the study of advanced mathematics. While the course content varies somewhat, it is designed to give students a deeper understanding of the algebraic and analytical structure of the integers, the rational numbers and the real numbers and how they act as a building block to a variety of fields of mathematics. Students are introduced to the process of mathematical discovery and the language of mathematics. Exercises and projects are designed to illustrate the need for proof and to further refine the student's ability to analyze, conjecture and write mathematical proofs. This course is a prerequisite for most upper level mathematics courses and, after completing it a student will be in a position to determine realistically if he or she ought to major or minor in mathematics.

- **MATH-373 Ordinary Differential Equations**

Prerequisites:

MATH-265 (may be taken concurrently)

Credits:

4.00

Description:

A first course in differential equations. Topics generally include separable, homogenous, exact, and linear first order differential equations; variations of parameters, differential operators, the Laplace transform, inverse transforms, systems of differential equations, power series solutions, Fourier series, and applications.

- **MATH-400 Senior Project in Mathematics**

Prerequisites:

Instructor permission required.

Credits:

4.00

Description:

Students study a particular topic in mathematics and demonstrate their results in a final project.

- **MATH-431 Linear Algebra**

Prerequisites:

Math 331 must have grade C or higher

Credits:

4.00

Description:

System of linear equations, Gaussian elimination, matrices and their algebra, inverse of a matrix, determinants, cofactor expansion, Cramer's rule, vectors in and their algebra, abstract vector spaces, subspaces, linear independence, basis and dimension, linear transformations, isomorphism of vector spaces, rank and nullity, matrix of a linear transformation, inner product spaces, angle and orthogonality, eigenvalues and eigenvectors of a linear transformation, characteristic equation, Cayley-Hamilton theorem, diagonalization.

- **MATH-432 Abstract Algebra**

Prerequisites:

MATH 431

Credits:

4.00

Description:

An introduction to elementary group theory, including properties of groups, subgroups, first isomorphism theorem for groups, normal subgroups, finite group classification; elementary properties of rings, such as homomorphisms of rings, ideals, fields, Euclidean algorithm, rings of polynomials, factorization theory, integral domains, associates, primes and units in domains, and other topics in number theory. Prerequisite: MATH 431 with a grade of C or higher.

• MATH-462 Real Analysis**Prerequisites:**

MATH 331 with at least a grade of C

Credits:

4.00

Description:

A detailed treatment of the basic concepts of analysis including the real numbers; completeness and its equivalence to other properties of the reals such as monotone convergence, Archimedean property, Bolzano-Weierstrass theorem; the topology of Euclidean spaces, compactness and the Heine-Borel theorem, connectedness, continuity and uniform continuity and uniform convergence of functions, and an introduction to metric spaces.

• MATH-510 Independent Study**Credits:**

4.00

Description:

Members of the department will hold conference hours with students and will direct their readings and study of topics in mathematics which may be of interest to them. Prerequisite: Consent of instructor. 1 term - credits to be arranged.

• MATH-511 Launching a Career in Mathematics**Prerequisites:**

Junior or Senior standing

Credits:

1.00

Description:

This team-taught course is designed to explore career opportunities in Mathematics in depth. This course focuses on career search, the application process, entry, transition and networking for career success. Alternative options such as graduate school will also be explored. Students articulate and reflect on academic work, and co-curricular experiences from the perspective of professionals entering or advancing their careers. The goal of this course is to help students reach their fullest professional potential following graduation.

- **MATH-R104 Recitation for Pre-Calculus for Management and Social Sciences**

Prerequisites:

Appropriate Math Placement Exam score. Must be taken concurrently with MATH 104

Credits:

0.00

Description:

Taken simultaneously with Math 104. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such work can include practice problems, homework problems and sometimes quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.

- **MATH-R128 Recitation for Math for the Modern World**

Prerequisites:

MATH-000 or appropriate Math Placement Exam score. Must be taken concurrently with MATH 128. This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

Credits:

0.00

Description:

Hands on problem solving, discussion and examples of Math for the Modern World.

- **MATH-R130 Recitation for Finite Mathematics**

Prerequisites:

MATH 104 or appropriate math placement score. Must be taken concurrently with MATH 130

Credits:

0.00

Description:

Taken simultaneously with Math 130. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such work can include practice problems, homework problems and sometimes quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.

• MATH-R132 Recitation for Math-Art, Tool and Humanside

Prerequisites:

MATH-000 or appropriate Math Placement Exam score. Must be taken concurrently with MATH 132. This course cannot be applied toward a departmental concentration in Mathematics by Sawyer Business School students.

Credits:

0.00

Description:

Taken simultaneously with Math 132. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such work can include practice problems, homework problems and sometimes quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.

• MATH-R134 Recitation for Calculus for Management And Social Sciences

Prerequisites:

MATH 104 or appropriate math placement score. Must be taken concurrently with MATH 134.

Credits:

0.00

Description:

Taken simultaneously with Math 134. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. Such

work can include practice problems, homework problems and sometimes quizzes on a laptop as well as question-answer time and group project work. On alternate weeks students do on line work such as lecture demonstration of additional examples or homework projects.

- **MUH-101 History of Music I**

Credits:

4.00

Description:

Surveys Western music from CE800-1800, from Gregorian to Beethoven; selected major composers, representative masterworks, and the musical styles of the Medieval, Renaissance, Baroque, and Classical periods; links the music to some of the major historical, cultural, artistic, and intellectual trends of these periods. Normally offered yearly.

Term:

Offered Fall Term

- **MUH-102 History of Music II**

Credits:

4.00

Description:

Surveys Western art music from 1800-present, from Schubert to Jennifer Higdon; selected major composers, representative masterworks, and the musical styles of Romantic, Contemporary, and post-Modern periods; links the music to some of the major historical, cultural, artistic, and intellectual trends of these periods. Normally offered yearly.

Term:

Offered Spring Term

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Surveys American music from Colonial times to the present; various attempts to create an indigenous musical style; vernacular and art music genres including folk, concert, and religious music, jazz and

musical theatre; includes music of Billings, Amy Beach, Ives, Copland, Bernstein, and Libby Larsen. Normally offered yearly.

Term:

Alternates Fall & Spring

- **MUH-212 Popular Music in the United States**

Credits:

4.00

Description:

Covers various popular music styles that emerged in America from 1850 to the present including minstrelsy, art song, piano music, band music, blues, jazz, country, rock and rap; includes representative musical selections, emphasis the social and cultural factors that foster the emergence and developed of these genres. Normally offered every other year.

Term:

Occasional

- **MUH-221 History of Women in Music**

Credits:

4.00

Description:

Surveys music in the lives of women, including composers, performers, producers, mothers, and educators from the Middle Ages to the present; examines issues of gender and control, perspective in historical narrative, and religious and secular traditions that impact the cross-cultural reception of women's music. Normally offered every year.

Term:

Alternates Fall & Spring

- **MUH-223 World Music**

Credits:

4.00

Description:

Covers topics in folk, traditional, and modern music of Africa, the Middle East, Asia, and Europe in the context of the cultures and lives of the indigenous peoples of those regions; examines how music interacts with the issues of race, gender, class, religion, politics, and social movements. Normally offered every other year.

Term:

Occasional

- **MUH-227 Jazz and Blues**

Credits:

4.00

Description:

Follows the evolution of jazz from blues and ragtime through Dixieland, Swing, Bebop, Cool, Latin, Modern, Free, Fusion, and Avant-Garde to Post-modern expressions of the present; the contributions of major soloists, arrangers, composers, leaders, and bands. Normally offered every year.

Term:

Occasional

- **MUH-290 Internship in Music**

Prerequisites:

ARH-101, ARH-102, and Permission of Instructor

Credits:

1.00- 4.00

Description:

Designed to accompany an internship at a local museum, library, school, booking agency, or other music organization or institution, this independent study course will carry variable credit depending on the number of hours devoted to the internship and the related academic work done by the student.

- **MUH-331 Music in Film**

Credits:

4.00

Description:

Studies the history and development of film music in Hollywood through its major composers and styles, the techniques of film scoring, and how music and its relationship to film have changed over the last century; critical listening to movie music while viewing films. Normally offered every other year.

Term:

Occasional

- **MUH-502 Honors Thesis in Music History**

Prerequisites:

Senior standing & permission of the Dept.Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

- **MUH-511 Advanced Professional Development**

Prerequisites:

Instructor's Permission required

Credits:

1.00

Description:

Students explore and prepare for career options in the field of Music.

- **NEUR-101 Intro to Neuroscience**

Credits:

4.00

Description:

Introduces the field of neuroscience, the study of the organization and function of the nervous system of humans and other animals. Neuroscientists examine how individual neurons function as signaling devices, how groups of neurons operate as circuits to produce fundamental units of behavior, and how much larger systems in the brain subserve complex functions such as memory and consciousness.

Topics include the neuron and neural transmission, the overall function and organization of the nervous system, the development of the brain, neural plasticity, sleep, memory and other higher cognitive functions. Normally offered alternate years.

Type:

SCI TECH ENGNR

- **PHIL-113 Critical Thinking and Argumentation**

Credits:

4.00

Description:

An introduction to non-formal methods of analyzing and formulating arguments, including treatment of such concepts/topics as: the nature of argument, induction, deduction, validity, soundness, aspects of language which tend to interfere with logical thought, definition, role of emotion, types of disagreement, and fallacies. The course also emphasizes the practical application of sound reasoning in both evaluating arguments and making arguments of one's own about matters of issues facing society. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-115 Introduction to Philosophy**

Credits:

4.00

Description:

A general introduction to the nature of philosophical analysis. Lectures, readings, and discussions will focus on representative issues and thinkers from the main areas of philosophy (such the nature of truth, reality, morality, politics, and religion). 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-H115 Honors Introduction to Philosophy**

Credits:

4.00

Description:

A general introduction to the nature of philosophical analysis. Lectures, readings, and discussions will focus on representative issues and thinkers from the main areas of philosophy (such the nature of truth, reality, morality, politics, and religion). 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

Type:

Honors

- **PHIL-119 Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? 1 term - credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-H119 Honors Ethics**

Credits:

4.00

Description:

A systematic introduction to the major thinkers and their positions on the main issues of ethics, such as: What is morality? What are moral values? How should we live our lives? Are there objective, universal, absolute moral standards? If so, what are they, and what is their basis? Prerequisite: Philosophy majors, minors, or honor students only. 1 term -4 credits.

Term:

Occasional

Type:

Honors

- **PHIL-E119 Service Learning Component**

Prerequisites:

PHIL-119 concurrently and Instructor consent

Credits:

0.00

Description:

Service Learning Component

- **PHIL-120 Ethics and Civic Life**

Credits:

4.00

Description:

In this class you will be introduced to the perspectives and methods of politics, philosophy, and economics and see how these three disciplines present distinct but interconnected dimensions of current social and political issues.

- **PHIL-123 Social Ethics: The Good Life**

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-H123 Honors Social Ethics: The Good Life**

Prerequisites:

Limited to PHIL majors, minors, and CAS Honors students.

Credits:

4.00

Description:

An examination of contemporary Western society, particularly in the United States, in relation to philosophical attempts to define the good life. Current books that exhibit a philosophical approach towards important contemporary social issues will be discussed, as well as classics in philosophy. Topics may include: civic virtue, consumerism, current events, economic justice, popular culture (film, music, television), religion and secularism, etc. Prerequisite: Philosophy majors, minors, or honor students only. 1 term -4 credits.

Term:

Occasional

Type:

Honors

• PHIL-E123 Service Learning Component**Prerequisites:**

PHIL-123 concurrently and Instructor consent

Credits:

0.00

Description:

Service Learning Component

Type:

Local Engagement Experience

• PHIL-127 Contemporary Moral Issues**Credits:**

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

• PHIL-H127 Honors Contemporary Moral Issues

Prerequisites:

Limited to PHIL majors, minors, and CAS Honors students.

Credits:

4.00

Description:

A critical examination of a number of contemporary moral issues such as: abortion, affirmative action, animal rights, capital punishment, cloning, drug legalization, environmental ethics, euthanasia, genetic engineering, gun control, pornography, same-sex marriage, suicide, war and terrorism, etc. 1 term - 4 credits. Prerequisite: Philosophy majors, minors, or honor students only. 1 term -4 credits.

Term:

Occasional

Type:

Honors

• PHIL-E127 Service Learning Component

Prerequisites:

PHIL-127 concurrently and Instructor consent

Credits:

0.00

Description:

Service Learning Component

Type:

Local Engagement Experience

- **PHIL-210 History of Ancient & Medieval Philosophy**

Credits:

4.00

Description:

The study of philosophical thought from the period of the ancient Greek philosophers through the Medieval thinkers, including such philosophers as Socrates, Plato, Aristotle, Epicurus, Zeno, Parmenides, Pythagoras, Protagoras, Augustine, Aquinas, Anselm, and Abelard. An introductory course designed to equip the student with a well grounded understanding and appreciation of Philosophy. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

Type:

Classics Minor, Social & Intellectual HST

- **PHIL-211 History of Modern Philosophy**

Prerequisites:

Restricted to PHIL majors, minors, and CAS Honors students.

Credits:

4.00

Description:

A study of the prominent modern thinkers, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. The course is an historical survey of the key concepts, problems and developments in modern philosophy including rationalism, empiricism, and skepticism. The following themes central to Modern philosophy will be addressed: the nature of reality; the limits of human knowledge; self and self-identity; mind and body; freedom in theory and practice; reason vs. sentiment in ethics. 1 term - 4 credits. Normally offered every year.

Term:

Offered Spring Term

- **PHIL-212 Formal Logic**

Credits:

4.00

Description:

An introduction to formal (or semi-formal) study of the basic types of deductive arguments (propositional and syllogistic logic). 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Quantitative Analysis

• PHIL-219 Philosophy of Art**Credits:**

4.00

Description:

What counts as art? What is beauty? Are there objective standards of beauty? This course examines the nature of aesthetic experience, art, beauty, and creativity. Through the classic and contemporary readings, the students will be introduced to philosophical issues concerning the meaning of art, artistic representation, perceptions of art, interpretation, and criticism. Students will be encouraged to reflect on their own experience of art and explore the relationships among the artist, the audience, the artwork, and the world. 1 term - 4 credits. Normally offered every third year.

• PHIL-223 Philosophy in Literature**Credits:**

4.00

Description:

An inquiry into some philosophical themes in modern literature. Existential reality, immortality, faith and nature, morality and reason will be explored through the creative word of modern authors. Special emphasis will be placed on recurrent themes and their philosophical belief structure and meaning. 1 term - 4 credits.

• PHIL-228 Feminist Philosophy**Credits:**

4.00

Description:

This course is an introduction to the philosophy of feminist thought. Feminist theories of epistemology, metaphysics and morality will be examined as critiques of traditional philosophy,. Feminist perspectives and methodologies include radical, liberal, postmodern, as well as more recent trends in ecofeminism. Special emphasis will be placed on explicit and implicit practices of alienation and exclusion as they have unfolded in the gendering of thought, truth, and reality. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

• PHIL-229 Eco-Feminism**Prerequisites:**

PHIL 119, or PHIL 123, or PHIL 127

Credits:

4.00

Description:

Examines the political, social, and ecological problems facing us as a global community. Having its roots in feminist theory and deep-ecology, eco-feminism provides a critical framework for ecological responsibility and accountability. Writings from eco-feminist thinkers and environmental activists around the world will be used to highlight the philosophical and political conflicts and challenges, including globalization and loss of biodiversity, global warming, international human rights, the relationship of gender and nature, and modes of redress for eco-justice and sustainable development.

• PHIL-235 The Meaning of Life**Credits:**

4.00

Description:

The question about the meaning of life is among the oldest and most perplexing questions of humanity. What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our own destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? While our main focus will be philosophical, students will also explore the multiplicity of perspectives on life-meaning through the works of artists, poets, theologians, and psychologists. We will approach the question of the meaning of life both as an exciting intellectual endeavor and an existential challenge of great practical importance.

- **PHIL-245 Ethics for Social Media and the Internet**

Credits:

2.00

Description:

The emerging communities and complexities of the digital world present new and sometimes unprecedented ethical problems for society. This course will examine some of these issues, such as: the norms of social media; the etiquette of digital media usage; what constitutes digital community and online relationships; cyber-bullying; online identity; online journalism and the responsibility to truth in the digital age; digital propaganda and cyber-crime.

- **PHIL-250 Social & Political Philosophy**

Credits:

4.00

Description:

An examination of persistent debates in political and social philosophy, such as the meaning of property and welfare, the tensions between liberty and equality, censorship and freedom of expression, the relation of church and state, the possibility of political education and civic virtue, legitimacy of the state and revolution, war and problems of end and means, addressing historic injustice, such as racism, genocide, or sexism, among other topics. The class will focus on no more than two such themes. Students will read both classic and contemporary writings to address both the historical roots and the contemporary treatment of these questions. 1 term - 4 credits. Normally offered every year.

Term:

Occasional

Type:

Social & Intellectual HST

- **PHIL-251 Philosophy of Race & Gender**

Credits:

4.00

Description:

Prejudice of many kinds, such as racism and sexism, is so embedded in our social institutions, and is so traditional and pervasive that we often fail to notice it. In this course, we will deal with the history and nature of racism and sexism, as well as with possible solutions to these problems, including affirmative action and busing. Also to be discussed will be homosexuality, pornography and sex roles. 1 term - 4 credits. Normally offered alternate years. C a

Term:

Occasional

• PHIL-255 Science, Myth, and Society

Credits:

4.00

Description:

Both mythology and science arise from the human need to explain the world, to understand its laws, and give an account of its origin. This course focuses on the controversial relationship between myth and science and explores their historical roots, their social influence and their respective views of reality, human nature, and origin of the universe. Both historical controversies and contemporary debates, such as evolution vs. intelligent design, will be considered. Topics in the philosophy of science, such as the nature and scope of the scientific method, will also be addressed. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

• PHIL-260 Philosophy of Religion

Credits:

4.00

Description:

This course analyzes and interprets fundamental religious concepts and beliefs, examines the rational support for religious faith, and addresses the relation between religion and society. Fundamental questions concerning the nature and existence of God, salvation, and immortality will be explored, and for this the primary focus will be Western religious conceptions but may broaden to include other world religions. Other topics may include: whether all religions can be equally valid and true; the relation of religion and the state; the status of miracles; the history and psychology of religion; the conflict between religion and science. 1 term - 4 credits. Normally offered alternate years.

Term:

Occasional

- **PHIL-261 Eastern Philosophy**

Credits:

4.00

Description:

The exposition and critical evaluation of Hinduism, Buddhism, Confucianism, Taoism, and Islam. Special attention is given to foundation principles as well as to the similarities and differences of each of these philosophies to basic ideas in Western philosophy. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-262 Buddhism**

Credits:

4.00

Description:

An historical survey of Buddhist philosophy. We will explore Buddhist origins, central teachings, devotional and meditational practices, ritual and institutions as developed from classical to modern times. Special attention given to the philosophical diversity of the Buddhist world view. 1 term - 4 credits. Normally offered alternate years. C b

Term:

Occasional

Type:

Asian Studies

- **PHIL-263 Native American Religion**

Credits:

4.00

Description:

This course is an examination of Native American (Indian) religious experience, both the similarities and differences among the myths and rituals of the major tribes which comprise the background of our nation's history of Western migration and settlement. The emphasis will be on understanding how life was experienced by these peoples through a close look at the philosophical meanings of their mythology and ethics. 1 term - 4 credits. Normally offered alternate years. C a

Term:

Occasional

• PHIL-265 Women in Spirituality**Credits:**

4.00

Description:

An exploration into the various dimensions and ideologies concerning the role of the feminine in relation to the Divine. Belief systems, myths and archetypes from ancient Goddess worship to 20th century feminist theology will be examined in terms of the philosophical content and psychological consequences. Special emphasis will be placed on feminist metaphysical structures for understanding consciousness and Reality. Classes will be conducted by means of lectures, primary and secondary texts and class discussions. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

• PHIL-266 African Philosophy**Credits:**

4.00

Description:

An introduction to both traditional and modern philosophy from the African continent. Topics include: the intellectual dimensions of oral-traditional cultures within Africa; the impact of colonialism on African belief systems; philosophical responses to colonization; contributions of modern and contemporary African thinkers to the fields of social, political, moral and aesthetic philosophy.

• PHIL-267 Chinese Philosophy**Credits:**

4.00

Description:

A survey of the main developments in Chinese Philosophy. The course begins with the early dynastic concept of humanism and then turns to Confucius and Mencius. Having developed the central Confucian doctrines, students next examine the Taoist response to Confucianism in the writings of Lao Tzu and Chuang Tzu. The course then considers Zen Buddhism, which is called Ch'an Buddhism in China, where it originated. In particular, students study the concept of sudden enlightenment before turning to the Neo-Confucian scholars.

Term:

Occasional

- **PHIL-309 Philosophy of Freedom**

Prerequisites:

Prerequisite: One Philosophy course or consent of instructor.

Credits:

4.00

Description:

Focuses on the paradoxical relationship between freedom and responsibility and how that affects our thinking about freedom in the individual, social and political sphere. Both classical and contemporary thinkers will be considered. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every other year.

Term:

Offered Spring Term

- **PHIL-E309 Service Learning Component**

Credits:

0.00

Description:

Service Learning Component

- **PHIL-314 20th Century Philosophy**

Prerequisites:

Prerequisite: PHIL 211 or consent of instructor.

Credits:

4.00

Description:

Examines one or more of the following major philosophical movements of this century: Pragmatism, Phenomenology, Existentialism, Logical Positivism, Analytic (Linguistic) Philosophy, Postmodernism and Critical Theory (Post-Analytic Philosophy). Prerequisite: PHIL 211 or consent of instructor. 1 term -4 credits. Normally offered alternate years.

Term:

Occasional

• PHIL-316 Existentialism**Prerequisites:**

Prerequisite: One course in Philosophy or consent of instructor.

Credits:

4.00

Description:

An overview of the existentialist tradition. Primary focus on issues and problems arising from the existentialist reaction to classical philosophy. Topics include: paradoxes and contradictions of human nature and human condition; radical freedom, commitment, and responsibility; existential anxiety, meaninglessness and the rejection of God; authenticity and self-deception; individuality and community. Philosophers to be discussed will include Kierkegaard, Nietzsche, Sartre, Camus, Dostoevsky, and Heidegger. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every other year.

Term:

Occasional

• PHIL-318 Philosophy of Law**Prerequisites:**

Prerequisite: One course in Philosophy or Instructor's consent

Credits:

4.00

Description:

Readings may include a range of classical authors, such as Plato and Aquinas, as well as the works of such 20th-century legal philosophers as H.L.A. Hart, Dworkin and Rawls. Also included may be leading jurists such as Oliver Wendell Holmes and Learned Hand. Issues discussed may include the nature of law, its relation to justice, and how the legal system should operate to arrive at just decisions. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

• PHIL-319 Topics in Applied Ethics**Prerequisites:**

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

This course will address in depth one or more specific issues in applied ethics. Topics will vary and may range from applied issues in political thought, such as just war theory or transitional justice, to specific questions in professional ethics or social policy, such as end-of-life care, economic justice, or the role of technology in the human future. Prerequisite: PHIL 119, or 123, or 127. 1 term - 4 credits. Normally offered every other year.

Term:

Occasional

• PHIL-330 African Philosophy and Religion**Prerequisites:**

One course in Philosophy or consent of instructor.

Credits:

4.00

Description:

This course explores indigenous African systems of thought, modern academic African philosophy, African social and political theory, and contemporary debates centered on questions of identity, modernity, essentialism and historicity within the African context. 1 term - 4 credits. Normally offered every third year. C b

Term:

Occasional

• PHIL-362 Environmental Ethics**Prerequisites:**

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

An examination of the moral issues involved in the interaction of humans with their natural environment. Topics include: the environmental crisis, human-centered vs. nature-centered ethics, intrinsic value in nature, obligations to future generations, the importance of preserving endangered species and wilderness, radical ecology, eco-feminism, and the role of social justice in environmental issues. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every year.

Term:

Occasional

• PHIL-363 Bio and Medical Ethics**Prerequisites:**

Prerequisite: Phil 119, or 123, or 127.

Credits:

4.00

Description:

An examination of the moral problems facing health-care practitioners, their patients, and others involved with the practice of medicine in today's society. Issues include euthanasia, the ethics of medical experimentation, the use of reproductive technologies, genetic counseling and genetic

engineering, truth-telling and confidentiality in doctor-patient relationships, the cost and availability of medical care. Normally offered every third year.

Term:

Occasional

• PHIL-364 Business Ethics

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120

Credits:

4.00

Description:

An examination of the ethical questions in the working life and policies of the business and professional sectors of society. The focus will vary, but common themes will include: the role of commerce in civil society; the relation of business to conceptions of economic and social justice; the meaning and application of codes of ethics; obligations of corporations and professional organizations to shareholders and stakeholders; responsibilities to clients and colleagues; workplace conduct; the nature of success and conflicts between legal and moral obligations; the impact of globalization. The course will employ a variety of readings, including ethical theory and specific case studies. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every other year.

Term:

Occasional

• PHIL-390 Internship in Politics, Philosophy and Economics

Prerequisites:

PHIL-120

Credits:

1.00- 4.00

Description:

Students in this course will serve as interns in a program-approved position with a service provider, professional organization, government agency, or non-governmental organization whose work is relevant to the PPE major. A faculty mentor will meet with students regularly to develop individually designed programs of readings and to discuss this material and its relation to the internship

experience. In addition to the substantial time commitment to the internship, course requirements will usually include a weekly journal and a research project.

• PHIL-401 Ethics in Action 1: Persistence of the Classics

Prerequisites:

PHIL-210 , PHIL-211, 4 credits of a 400-level PHIL course, and Instructor consent

Credits:

4.00

Description:

Examines how classical works of ancient and medieval moral and political philosophy raise questions and themes that persist in challenges facing contemporary public policy and personal ethics. Topics covered will include the nature of moral duties, the connection between happiness and morality, citizenship and virtue, the meaning of a good life, the attractions and limitations of moral relativism, the foundations of legitimate government, arguments for and against democracy, realism and idealism in statecraft, and the relationship between law and ethics. Authors may include the Pre-Socratic thinkers, Plato, Aristotle, Cicero, Augustine, and Aquinas, among others.

Term:

Offered Fall Term

Type:

Classics Minor

• PHIL-402 Ethics in Action 2: the Crisis of the Modern

Prerequisites:

PHIL-210, PHIL-211, 1 400-level PHIL course, and Instructor consent

Credits:

4.00

Description:

Continues the examination of themes addressed in PHIL 401/701, with a focus on how radical change, from the early modern era to the present, poses both challenges and opportunities for thought and action. In addition to issues from PHIL 401/701, themes may include revolution and reaction, the role of science and technology, the clash between universalism and particularism, distributive justice and the economy, liberty and equality, faith and secularism, and others. Authors may include Machiavelli, Hobbes, Locke, Rousseau, Kant, Hegel, Mill, Marx, and Nietzsche, as well as contemporary thinkers.

Term:

Offered Spring Term

- **PHIL-403 The Idea of Human Rights**

Prerequisites:

Instructor's Consent

Credits:

4.00

Description:

This seminar will analyze and explore the universal human rights concept -- the idea that all human beings, by virtue of their humanity alone, have human rights that should be recognized by all nations. It will explore the concept's meaning; its theoretical underpinnings, critiques and defenses; and the kinds of specific rights suggested by the concept. The course will also provide an introduction to existing human rights law. Prerequisite: Consent of instructor. 1 term - 4 credits.

Term:

Occasional

- **PHIL-414 Topics in Philosophy**

Credits:

4.00

Description:

A detailed exposition and evaluation of a specific topic or of the views of one major philosophical thinker or group of thinkers. Readings from both primary and secondary sources. Prerequisite: PHIL 210 or 211 or consent of instructor. 1 term - 4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-416 Plato: Profiles in Philosophy**

Prerequisites:

Prerequisite: PHIL 210 or consent of instructor.

Credits:

4.00

Description:

A detailed study of Platonic texts and issues. Works studied will vary but will often include dialogues such as the Apology, Euthyphro, Phaedo, Republic, and Symposium. Themes may include, among others: the nature of philosophy and its relation to society; the dialogue form and the character of Socrates; the difference between truth and opinion; the meaning of virtue; justice and the ideal regime; the theory of forms and the nature of reality; love, death, and transcendence. Prerequisite: PHIL 210 or consent of instructor. 1 term ? 4 credits. Normally offered every third year.

Type:

Classics Minor

• PHIL-418 Kant: Profiles in Philosophy**Prerequisites:**

PHIL 211

Credits:

4.00

Description:

An examination of Kant's ethics and theory of knowledge, including the following topics: structures of our knowledge of nature and the empirical world; the limits of rationality; the possibility of any knowledge of God, the soul and other metaphysical entities; the antinomies (paradoxes) of pure reason; Kant's theory of unconditional morality based on duty; the idea of the categorical imperative; autonomy and universal moral law; the problem of evil. Selections from Kant's political writings will also be introduced. Prerequisite: PHIL 211 or consent of instructor. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

• PHIL-423 Advanced Formal Logic**Prerequisites:**

Prerequisite: PHIL 212 or consent of instructor.

Credits:

4.00

Description:

In this course, students will put to work the logical theory developed in Formal Logic (Phil 212). In particular, students will use First-Order Logic to investigate computability and computation theory. Goedel's First and Second Incompleteness Theorems are a particular focus in the course.

Prerequisite: PHIL 212 or consent of instructor. 1 term -4 credits. Normally offered alternate years.

Term:

Occasional

- **PHIL-440 Stay the Hand: Philosophical and Literary Readings on Law and Violence**

Credits:

4.00

Description:

An interdisciplinary course examining the idea of law and its function in human society, with a special focus on issues of violence, war, peace, and justice. The course will examine law as it represented, enacted, and discussed in various literary and philosophical writings from the ancient world to the present, to include various Biblical texts, Sophocles's *Antigone*, Aeschylus's *Oresteia*, Plato's *Apology*, Shakespeare's *The Merchant of Venice*, Melville's *Billy Budd*, Toni Morrison's *Beloved*, among many others.

Term:

Occasional

- **PHIL-510 Independent Study**

Prerequisites:

Prerequisite: PHIL 210 and 211 and consent of instructor.

Credits:

1.00- 4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Offered Both Fall and Spring

- **PHIL-513 Internship in Applied Ethics**

Prerequisites:

PHIL-119, PHIL-123, PHIL-127 or PHIL-120 and consent of instructor

Credits:

4.00

Description:

Students in this course will serve as interns in a department-approved position with a service provider, professional organization, government agency, or non-governmental organization whose work is relevant to issues in applied ethics. A faculty mentor will meet with students regularly to develop individually designed programs of readings and to discuss this material and its relation to the internship experience. In addition to the substantial time commitment to the internship, course requirements will usually include a journal and a research project. PHIL 119 or 123 or 127 and consent of instructor. 1 term -4 credits. Normally offered every year.

Term:

Offered Both Fall and Spring

- **PHIL-514 Advanced Topics in Philosophy**

Prerequisites:

Prerequisite: PHIL 210 or PHIL 211 and consent of instructor.

Credits:

4.00

Description:

Students with sufficient background in philosophy and a special interest in areas of philosophy which cannot be covered in regularly offered courses will be guided by senior members of the Department. Students working on Honors in Philosophy must take this course in the first semester of their senior year to prepare a thesis proposal. PHIL 210 or PHIL 211 and consent of instructor. 1 term - 4 credits. Normally offered every year.

Term:

Offered Fall Term

- **PHIL-515 Senior Symposium**

Prerequisites:

Prerequisite: PHIL 210 and 211 and consent of instructor.

Credits:

1.00

Description:

This is a required course for all students in the major, to be taken in the Spring Semester of their senior year. Students will prepare a portfolio of their previous coursework, collaborate with the faculty symposium leader on a selection of texts to read in common with other seniors, and prepare one paper for delivery at the Senior Symposium, usually held in late April. Students seeking Honors in Philosophy must take this course to complete the senior thesis. PHIL 210 and 211 and consent of instructor. 1 term - 4 credits. Normally offered Spring Semester every year.

Term:

Offered Spring Term

- **PHIL-HE123 Service Learning Component**

Credits:

0.00

Description:

Service Learning Component

Type:

Local Engagement Experience, Honors

- **PHIL-HE127 Service Learning Component**

Credits:

0.00

Description:

Service Learning Component

Type:

Local Engagement Experience, Honors

• PHYS-111 College Physics I

Prerequisites:

Take MATH-121 or MATH-134 or MATH-165 or permission of Physics department chair; PHYS L111 taken concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

• PHYS-L111 College Physics Lab I

Prerequisites:

PHYS 111 concurrently

Credits:

1.00

Description:

Introduction to the fundamental principles of physics. Study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and thermodynamics, kinetic theory. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks and formal reports required.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **PHYS-112 College Physics II**

Prerequisites:

PHYS-111 and PHYS-L11. Must be taken concurrently with PHYS-L112.

Credits:

3.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics.

Term:

Offered Spring Term

- **PHYS-L112 College Physics Lab II**

Prerequisites:

PHYS 111 and PHYS L111; PHYS 112 must be taken concurrently

Credits:

1.00

Description:

Continuation of the fundamental principles of physics. Study of electric forces and fields, electric potential, DC circuits, electromagnetic induction, magnetic fields, AC circuits, introduction to optics, introduction to atomic, nuclear and particle physics. The laboratory consists of experiments to illustrate the basic concepts studied in the course. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Spring Term

- **PHYS-151 University Physics I**

Prerequisites:

MATH-121, MATH-165 or MATH-164 and PHYS L151 concurrently

Credits:

3.00

Description:

Introduction to the fundamental principles of physics using calculus. The course includes the study of vectors, Newton's laws, rotations, rigid body statics and dynamics, simple harmonic motion, heat and temperature.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-L151 University Physics Lab I**

Prerequisites:

PHYS 151 concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: measurements, propagation of errors, vectors, Newton's laws, work and energy, momentum, rotations, oscillations, simple harmonic motion, fluid. Knowledge of algebra, trigonometry, differentiation and integration required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **PHYS-152 University Physics II**

Prerequisites:

PHYS-151 and PHYS-L151. Must be taken concurrently with PHYS-L152.

Credits:

3.00

Description:

This calculus based course begins with topics in kinetic theory and the laws of thermodynamics. It then covers electric charge and field, Gauss' law, electrical potential and capacitance, electric currents and DC circuits. Next magnetism, electromagnetic induction, Faraday's law and AC circuits are discussed. This is followed by Maxwell's equations, electromagnetic waves, and properties of light.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• PHYS-L152 University Physics Lab II**Prerequisites:**

PHYS 151 and L151 and PHYS 152 must be taken concurrently

Credits:

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts studied in the course: heat, gas laws, electric forces, field, and potential, DC and AC circuits, magnetic field, electromagnetic induction, Faraday's law, optics. Calculus, algebra, trigonometry are required. Error propagation, use of Excel, laboratory notebooks, and formal reports required.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

• PHYS-153 University Physics III**Prerequisites:**

MATH-121, MATH-164 or MATH-165

Credits:

3.00

Description:

This calculus-based course is the introduction of the topics of modern physics. It begins with special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom. Then Schrodinger's equation is introduced with use of wave functions, particle box, barrier penetration, quantum mechanical tunneling, the Pauli Exclusion principle, the development of the periodic table, and the X-ray spectra. Development of solid state physics with bonding in molecules, band theory of solids and semiconductor behavior. The final topics cover nuclear physics, radioactivity, half-life, nuclear fission and fusion, medical uses of radiation, elementary particle physics and introduction to astrophysics.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

• PHYS-L153 University Physics III Lab**Credits:**

1.00

Description:

The laboratory consists of experiments to illustrate the basic concepts of special relativity, the Lorentz transformation, relativistic momentum and energy, addition of relativistic velocities, then covers early quantum theory, blackbody radiation, photoelectric effect, the Compton effect, photon interactions, pair production, and the Bohr theory of the atom.

Type:

SCI TECH ENGR

• PHYS-205 Introduction to Astrophysics**Prerequisites:**

Prerequisite: PHYS 151-152

Credits:

4.00

Description:

An introduction to the concepts and methods of astrophysics; including a history of astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors, space programs, science and technology in society. Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology.

Term:

Offered Fall Term

• PHYS-206 Introduction to Radiation Oncology**Prerequisites:**

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will serve as an introduction to the role of the radiation therapist and medical dosimetrist in a Radiation Oncology department. Through a combination of detailed lectures, discussions, role-playing, case studies, and hands-on laboratory exercises, students will be introduced to the professional and clinical aspects of their respective professions. Additional topics included radiation safety, patients rights, infection control, communication for the clinic, patient assessment, and psychosocial aspects of cancer including death and dying.

Term:

Offered Fall Term

• PHYS-213 Introduction to Earth & Planetary Interiors**Prerequisites:**

CHEM-111 and CHEM-112 OR PHYS-111 and PHYS-112

Credits:

4.00

Description:

This course introduces science majors to the constitution, composition, and energetics of the Earth's interior. It includes several important topics in Earth and planetary sciences, such as the geomagnetic field and the geodynamo, concepts of seismic exploration, geophysical fluid dynamics, and applications of geophysical methods in exploration of energy resources. It also relates the inner dynamics of planets to their surface and atmospheric effects by including topics such as evolution of planetary tectonics using seismology, gravity, geodesy, magnetism, and heat flow; dynamics of water and carbon cycles; and the origin of water on Earth and Mars. This course welcomes basic science, environmental science, engineering, and math majors.

• PHYS-215 Nanomaterials and the Energy Problem

Prerequisites:

CHEM 111-112 or PHYS 111-112 Or Permission of Instructor

Credits:

4.00

Description:

This course is designed as an introduction to nanotechnology and some of its important uses. It is aimed at science majors who have taken basic courses in physics or chemistry. The course will cover the properties and uses of carbon-nanotubes, nanocomposites, and other nanomaterials that are being fabricated in labs and industries around the world. It will serve as an introduction to the important role of nanomaterials in solving modern-day energy problems.

Term:

Occasional

• PHYS-253 Introduction to Electronic Devices

Prerequisites:

Take PHYS-152 and PHYS-L152; Take PHYS-L253 concurrently

Credits:

3.00

Description:

Materials and device structures for applications in analog and digital electronics. Topics include characteristics and basic circuits for diodes, field-effect transistors, bipolar junction transistors, operational amplifiers and programmable logic devices.

• PHYS-L253 Introduction to Electronic Devices Laboratory

Prerequisites:

Take PHYS-152 and PHYS-L152; Take PHYS-253 concurrently

Credits:

1.00

Description:

Materials and device structures for applications in analog and digital electronics. Topics include characteristics and basic circuits for diodes, field-effect transistors, bipolar junction transistors, operational amplifiers and programmable logic devices.

- **PHYS-301 Clinical Radiation I**

Prerequisites:

PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Through a systems-based approach, this course will review anatomy and physiology while teaching medical terminology. This course will also discuss the major cancers associated with each anatomical system and introduce the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

- **PHYS-L301 Radiation Therapy Rotation I**

Prerequisites:

Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding

of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

• **PHYS-302 Clinical Radiation II**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

This course is a continuation of MS 301. Through the same didactic approach, the course will cover all of the anatomical systems and their related medical terminology NOT covered in MS 301.

Term:

Offered Fall Term

• **PHYS-L302 Radiation Therapy Rotation II**

Prerequisites:

Radiation Therapy (Major or Certificate) Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Fall Term

- **PHYS-L303 Radiation Therapy Rotation III**

Prerequisites:

PHYS L302; Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care. These labs are available only to students enrolled in the clinical track.

Term:

Offered Spring Term

- **PHYS-L304 Radiation Therapy Practicum**

Prerequisites:

Take PHYS-301 PHYS-L301;*Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student radiation therapists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on patient care experience in the department of radiation oncology at our clinical affiliates. Under constant supervision by licensed therapists, the student will be guided toward the application of theory in the real world of cancer treatment.

Term:

Summer

- **PHYS-L311 Medical Dosimetry Rotation I**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Two,8-hour days per week, TTH.

Term:

Offered Spring Term

- **PHYS-L312 Medical Dosimetry Rotation II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a certified medical dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three 8-hour days per week, MWF.

Term:

Offered Fall Term

- **PHYS-L313 Medical Dosimetry Rotation III**

Prerequisites:

PHYS L312, Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting. Three, 8-hour days per week, MWF.

Term:

Offered Spring Term

• PHYS-L314 Medical Dosimetry Practicum

Prerequisites:

Take PHYS-301 and PHYS-L311; *Course fulfills the following: Expanded Classroom Requirement.

Credits:

1.00

Description:

Student dosimetrists will spend 12 weeks (full-time, 40 hrs/wk) gaining hands on treatment planning experience in the department of radiation oncology at our clinical affiliates. Under constant supervision of certified medical dosimetrists, the student will be guided toward the application of theory in the real world of cancer treatment planning.

Term:

Summer

• PHYS-315 Radiation Physics I

Prerequisites:

PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

- **PHYS-L315 Radiation Physics I Lab**

Prerequisites:

PHYS 315 concurrently

Credits:

1.00

Description:

This lab will cover a broad range of experiments associated with the Department of Radiation Oncology at Massachusetts General Hospital. Topics include: Quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

- **PHYS-317 Radiation Physics II**

Prerequisites:

PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is intended to expand on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. This course will also cover the principles, theories, and uses of brachytherapy. This course was previously MS 412

Term:

Offered Spring Term

- **PHYS-333 Math Methods of Physics**

Prerequisites:

MATH-265 and PHYS-153

Credits:

4.00

Description:

Applications of specific mathematical methods to problems in physics. Topics include complex analysis, integral transforms, eigenvalue problems, partial differential equations and group theory. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

• PHYS-350 Planetary Materials**Prerequisites:**

PHYS-213

Credits:

4.00

Description:

This course provides an overview of the chemical and physical properties of the material constituents of the Earth and terrestrial planets, including minerals, rocks, lavas, and supercritical water. Topics include mineral structure and composition, bonding, optical properties, x-ray diffraction, phase transformations, and surface properties. The physics and chemistry of energy materials, synthetic nanomaterials will be included with emphasis/focus on energy resources, environmental impact, and geopolitical implications. There are no mandatory prerequisites for this course, but students who have taken introductory chemistry and/or physics will be familiar with some concepts discussed, and will find the going easier. Some background in Earth science is assumed (at the level of PHYS-213), and competence in basic chemistry is expected (some review will be provided where appropriate). The course is not mathematically intensive, but an appreciation of the fundamentals of calculus is important.

• PHYS-360 Topics in Astrobiology and Life in Extreme Environments**Prerequisites:**

BIO-111 and PHYS-213

Credits:

4.00

Description:

The discovery of extreme environments and new insights into evolution, emergence and sustenance of life has expanded the view of life into a broader feasibility outside Earth. Discovery of exoplanets has opened up serious scientific exploration towards search for life in other planets. This upper-level course will introduce the scientific principles that underlie this newly evolving science of astrobiology. Discussion will include unique perspectives in life at extreme environments within Earth and their implication to the concepts of evolution and origins of life that form the basis for better understanding the habitability within our planet as well as any possibility of life in other planets.

• PHYS-361 Classical Mechanics I

Prerequisites:

PHYS 152 ; MATH 265 which may be taken concurrently

Credits:

4.00

Description:

Newton's laws of motion, projectiles, momentum, energy, conservation laws, oscillations, Lagrange equations, generalized momenta, central forces, orbits. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

• PHYS-362 Classical Mechanics II

Prerequisites:

PHYS 361

Credits:

4.00

Description:

Mechanics in non-inertial frames, rotational motion of rigid bodies, coupled oscillations, nonlinear mechanics and chaos, Hamiltonian mechanics, collision theory, continuum mechanics. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Spring Term

• PHYS-381 Observational Astronomy**Prerequisites:**

PHYS 151 AND PHYS 152 OR PHYS 153.

Credits:

2.00- 3.00

Description:

The topics covered include theoretical foundations of observational astronomy, designs of telescopes, instrumentation for telescopes, data acquisition and management, as well as practical problems in observational astronomy. Offered together with the laboratory component PHYS L381.

• PHYS-L381 Laboratory Research Assistantship III**Prerequisites:**

Permission of Dept. Chair Required

Credits:

1.00- 2.00

Description:

This is a laboratory based research experience which involves teams of students assisting faculty in Physics/Astronomy research projects. Students will participate in an intensive laboratory training period in the Canary Islands and will follow through with research work in consultation with faculty

based in the Madrid and Boston campuses. A final paper and presentation is required. Permission of department chair is required for registration and determination of course credits.

• PHYS-411 Physics Senior Project

Prerequisites:

Senior Standing

Credits:

4.00

Description:

The senior project is the capstone research experience of the undergraduate Physics Major. This one semester course requires students to work one on one with faculty in an area of mutually agreed upon research. In general, the effort will involve the use of mathematical and programming skills, laboratory techniques, and possibly field work. The end result will be both a paper and a formal presentation to both faculty and students.

Term:

Offered Spring Term

• PHYS-415 Dosimetry I

Prerequisites:

PHYS 315; PHYS L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

This course will discuss the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. This course will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

• PHYS-L415 Dosimetry I Lab

Prerequisites:

PHYS 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

This lab will provide the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

• PHYS-416 Radiation Biology**Prerequisites:**

PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students only (including Radiation Science minors)

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

• PHYS-417 Dosimetry II**Prerequisites:**

Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is a continuation of Clinical Dosimetry I and will focus on advanced treatment planning techniques including intensity modulated radiation therapy (IMRT), arc therapy, stereotactic treatment planning, and proton therapy. The advantages of each technique/modality over conventional 3D-treatment planning will be discussed. This will also be contrasted against the specific challenges presented by each technique such as the need for better immobilization, need for 4D CT scanning and daily IGRT (kV matching and/or CBCT).

Term:

Offered Fall Term

• PHYS-420 Radiation Oncology & Pathology**Prerequisites:**

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course, taught by Massachusetts General Hospital physicians will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

• PHYS-422 Radiology**Prerequisites:**

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin with an introduction to radiology, reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

• **PHYS-435 Brachytherapy**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

Topics in this course will include, radioactive sources, calibration, instrumentation, factors affecting dose calculations, definitions of LDR, MDR and HDR, treatment planning and clinical dose calculation, implantation techniques, implant localization/verification, regulations, radiation safety, storage and QA. Detailed coverage of prostate brachytherapy including LDR and HDR will be emphasized.

Term:

Offered Spring Term

• **PHYS-450 Dosimetry Systems and Networking and Quality Assurance**

Prerequisites:

Senior Status; Medical Dosimetry Students Only

Credits:

4.00

Description:

This course is designed for the medical dosimetry student, to include a general overview of computer systems and networking in the field of radiation oncology. A historical view of computers will be covered as well as the intricate uses in the medical field today. Oncology information systems such as MOSAIC and ARIA, as well as radiation therapy software used for imaging, contouring, treatment planning, and patient charting applications will be covered. Data and system security will also be addressed.

Term:

Offered Spring Term

• PHYS-451 Modern Physics I

Prerequisites:

PHYS 152

Credits:

4.00

Description:

Atoms and elementary particles, atomic, molecular and nuclear systems. Quantum states and probability amplitude, wave mechanics, and thermal properties of matter. Atomic spectra and structure, and molecular systems. Nuclear reactions, alpha and beta decay, and high energy physics.

• PHYS-453 Modern Physics

Prerequisites:

PHYS-153;

Credits:

4.00

Description:

Topics include atoms and elementary particles, atomic, molecular and nuclear systems. Quantum states and probability amplitude, wave mechanics and thermal properties of matter. Atomic spectra and structure, and molecular systems. Nuclear reactions, alpha and beta decay and high energy physics. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

• PHYS-L455 Advanced Laboratory**Prerequisites:**

PHYS 451

Credits:

2.00

Description:

Classical and modern experiments in physics; Experiments may include Frank Hertz experiment, Hall effect, nuclear magnetic resonance, quantum dots, detection of muons, x-ray spectroscopy, ellipsometry, physics of timbre of musical instruments, data acquisition.

Term:

Offered Fall Term

• PHYS-461 Quantum Mechanics I**Prerequisites:**

PHYS-361

Credits:

4.00

Description:

Non-relativistic study of particle systems, wave mechanical treatment, development of the concepts of observables, state vectors, operators and matrix representations. Hilbert space, angular momenta, coupling, symmetries, scattering, and perturbation theory. Harmonic oscillator and Hydrogen atom. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once a week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

• PHYS-462 Quantum Mechanics II

Prerequisites:

Take PHYS-361 and PHYS-362

Credits:

4.00

Description:

Non-relativistic study of particle systems, wave mechanical treatment, development of the concepts of observables, state vectors, operators and matrix representations. Hilbert space, angular momenta, coupling, symmetries, scattering, and perturbation theory. Harmonic oscillator and Hydrogen atom. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Spring Term

• PHYS-463 Stellar Astrophysics

Prerequisites:

Prerequisite: PHYS-152; 1 term - 4 credits

Credits:

4.00

Description:

Physics of stars. Stellar atmospheres. Stellar interiors. Stellar evolution.

Term:

Summer

• PHYS-464 Statistical Physics

Prerequisites:

PHYS-361, PHYS-151, PHYS-L151, PHYS-152, PHYS-L152, PHYS-153 and PHYS-L153

Credits:

4.00

Description:

Macroscopic objects are made up of huge numbers of fundamental particles whose interactions are well understood. Physical properties that emerge from these interactions are, however, not simply related to these fundamental interactions. In this course we will develop the tools of statistical physics, which will allow us to predict emergent cooperative phenomena. We will apply those tools to a wide variety of physical questions, including the behavior of glasses, polymers, heat engines, magnets, and electrons in solids. Computer simulations will be extensively used to aid visualization and provide concrete realization of models in order to impart deeper understanding of statistical physics.

• PHYS-475 Senior Seminar for Radiation Therapy**Prerequisites:**

Senior status, Radiation Therapy Students Only

Credits:

4.00

Description:

This course will be available to senior students enrolled in the Radiation Therapy and Medical Dosimetry programs. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in their respective disciplines (AART for Radiation Therapy and MDCB for Medical Dosimetry). Exam preparation will include the use of lectures, student teaching, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

• PHYS-476 Senior Seminar for Medical Dosimetry**Prerequisites:**

Senior Status and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will be available to second year clinical students enrolled in the Medical Dosimetry program. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in MDCB for Medical Dosimetry. Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

• PHYS-477 Electricity and Magnetism

Credits:

4.00

Description:

Electrostatic field energy, methods for solution of boundary value problems. The magnetostatic field and magnetic circuits. Electromagnetic field energy, plane waves, wave guides and cavity resonators. Interaction of charge particles with electromagnetic fields. This course is available in a hybrid/online format where all lectures are online and meetings with the instructor are required once per week. These meetings are for the purpose of helping students with homework problems, points in the video lectures they did not understand, or quizzes to test students' currency with the online material. These meetings are typically scheduled in a classroom but it is possible for a small number of students abroad to make special arrangements with the instructor so that the weekly meetings are held using online technology which supports voice and equation writing (such as the virtual classroom in Blackboard collaboration).

Term:

Offered Fall Term

• PHYS-500 Experiential Learning in Physics

Credits:

0.00

Description:

This course requires students to complete a minimum of 15 engagement hours per semester. Students gain exposure to a variety of activities related to research in a laboratory or field setting with faculty oversight. Permission of instructor required. May be taken more than once.

• PHYS-510 Independent Study

Credits:

4.00

Description:

Directed reading, lectures, seminar and research in selected areas of special interest.

Term:

Occasional

- **PHYS-570 Internship in Physics**

Prerequisites:

At least 54 credits

Credits:

2.00- 4.00

Description:

Those students who intend to complete an internship must secure their own internship position prior to the start of the semester. A list of potential internship sites and their descriptions are available for students in the department's front office.

- **PPE-401 Political Economy**

Prerequisites:

PHIL-119, PHIL-120, PHIL-123, or PHIL-127 and 2 of the following courses: GVT-110, GVT-201, GVT-225, EC-101, EC-102, PHIL-212, PHIL-250, STATS-240, STATS-250. PPE students only. Senior status required.

Credits:

4.00

Description:

This interdisciplinary class brings together the fields of politics, philosophy, and economics at a high academic level. You will be confronted with hard questions about the sources, ends, and limits of government; the usefulness and troubles of free markets; the proper distribution of economic advantages in society; and what works best for building a just and efficient system of economic institutions.

- **PPE-510 Independent Study**

Credits:

1.00- 4.00

Description:

Independent Study

- **PSYCH-114 General Psychology**

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **PSYCH-H114 General Psychology**

Prerequisites:

Restricted to honor students in the CAS and SBS schools, or instructor permission

Credits:

4.00

Description:

Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Honors

- **PSYCH-215 Behavioral Statistics**

Prerequisites:

PSYCH 114; Restricted to majors only unless with permission of instructor.

Credits:

4.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

Type:

Quantitative Analysis

- **PSYCH-L215 Behavioral Statistics Lab**

Prerequisites:

Must be taken concurrent with PSYCH-215

Credits:

0.00

Description:

Introduces the use of statistics as tools for description and decision-making, including hypothesis testing. Prepares students for the analysis, interpretation, and evaluation of psychological research. This lab portion of the course will help familiarize students with the computer software to be successful in the field and course.

- **PSYCH-216 Research Methods and Design**

Prerequisites:

PSYCH 114 and PSYCH 215

Credits:

4.00

Description:

First provides an overview of the historical background and conceptual foundation of psychology as a science before introducing students to research methods employed in psychology including naturalistic observation, qualitative, correlational, quasi-experimental, and experimental designs. The experimental method and principles of experimental design are emphasized. The laboratory component of the class helps familiarize students with practical issues that arise when implementing an empirical research study. Required for psychology majors; should be taken before the junior year. Offered every semester.

Term:

Offered Both Fall and Spring

• PSYCH-219 SL-Psychology of Trauma**Credits:**

4.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. Examines trauma from a historical, feminist, sociocultural and developmental perspective. This course will consider contemporary ways of conceptualizing, assessing, and treating psychological consequences resulting from exposure to traumatic stress. Classic and current reading materials will introduce students to leading theoretical models. Topics include war, natural disasters, child abuse, and rape. Prerequisite: PSYCH 114. 1 term - 3 semester hours. Normally offered alternate years.

Type:

Service Learning

• PSYCH-222 Human Sexuality**Credits:**

4.00

Description:

Examines the field of human sexuality across the life span. Topics include: sexual anatomy and physiology, sexual development, typical and atypical sexual behavior, sexual dysfunctions, current research on human sexuality, and relationship issues as they relate to sexuality and intimacy. Normally offered yearly.

Term:

Offered Both Fall and Spring

• PSYCH-226 Theories of Personality**Prerequisites:**

PSYCH 114

Credits:

4.00

Description:

Surveys the major theoretical approaches to personality including representative theorists from the psychoanalytic, trait, cognitive, behavioral, and humanistic perspectives. Topics include personality dynamics, personality development, and the study of individual differences. Normally offered yearly.

Term:

Offered Fall Term

• PSYCH-H226 Theories of Personality**Prerequisites:**

PSYCH 114; CAS Honors

Credits:

4.00

Description:

Surveys the major theoretical approaches to personality including representative theorists from the psychoanalytic, trait, cognitive, behavioral, and humanistic perspectives. Topics include personality dynamics, personality development, and the study of individual differences. Normally offered yearly.

Term:

Offered Fall Term

Type:

Honors

- **PSYCH-233 Child Development**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Examines physical, cognitive, emotional, and social development in youth (i.e., from conception through adolescence). Surveys major developmental approaches including biological, learning, and contextual/environmental theories. Major focus is on normal development. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **PSYCH-H233 Child Development**

Prerequisites:

PSYCH 114; Restricted to CAS Honor Students

Credits:

4.00

Description:

Examines physical, cognitive, emotional, and social development in youth (i.e., from conception through adolescence). Surveys major developmental approaches including biological, learning, and contextual/environmental theories. Major focus is on normal development. Normally offered every semester.

Term:

Offered Both Fall and Spring

Type:

Honors

- **PSYCH-236 Psychology of the Family**

Credits:

4.00

Description:

Focuses on the various forms and structures of families and family life over time and across cultures, with emphasis on the psychological impact of such forms. The complex relationship among individual psychology, family relationships, and the larger social context is addressed. Topics include marriage, parenting, and divorce. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **PSYCH-241 Social Psychology**

Prerequisites:

PSYCH 114

Credits:

4.00

Description:

Studies the social determinants of the behavior of individuals in relation to groups and surveys current research findings in such major content areas as attribution, prejudice, conformity, obedience, social cognition, interpersonal attraction, altruism, and aggression. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **PSYCH-243 Organizational Psychology**

Prerequisites:

Take PSYCH-114;

Credits:

4.00

Description:

Focuses on diversity concerns in various aspects of the psychology of the workforce. This includes job analysis, recruitment, selection, evaluation, training, retention, and termination. Employee morale, well-being, stress, and hardiness are considered.

- **PSYCH-247 Asian Perspectives on Health and Work**

Credits:

4.00

Description:

Examines theoretical and empirical approaches that provide insight into Asian viewpoints on socialization practices, family systems, health/well-being, cultural traditions/values, and spiritual philosophy/literature. Explores the diversity among Asian cultures in terms of language, history, religion/spiritual faith, and healthcare practices, all of which play a significant role in shaping the psychological characteristics, interpersonal relationships, and work dynamics of Asians and Asian immigrants. Students critically analyze similarities and differences between Asian and Western psychological perspectives of health and work through didactic and experiential learning components. This course fulfills the Cultural Diversity Requirement and may fulfill the Expanded Classroom Requirement. Normally offered alternate years.

Term:

Offered Spring Term

Type:

Asian Studies

- **PSYCH-248 The Psychology of Mindfulness**

Credits:

2.00

Description:

Over the past few decades, there has been a surge of interest in the investigation of mindfulness (intentional and non-judgmental awareness of the present moment) as a psychological construct. In this course, we will consider different definitions of this construct, examine the neuroscience behind mindfulness-based practices, and explore its practical applications in a variety of areas including psychotherapy, education, and business. To enhance experiential learning, students will engage in, and reflect on, several common mindfulness practices derived from exercises from evidence-based programs

- **PSYCH-249 Introduction to Lifespan Development**

Credits:

4.00

Description:

Examines development across the lifespan, from prenatal development through old age. Addresses biological, cognitive, social, and emotional development, with attention to the role of culture and context. Reviews major theories of development and how such theories provide conceptual frameworks for understanding the development of adaptive and maladaptive behaviors and trajectories. Also addresses implications for treatment, prevention, and positive development across the lifespan.

• PSYCH-280 Sports Psychology

Credits:

4.00

Description:

In this course, students will learn the theories, concepts, and intervention techniques of sport psychology. Topics covered will include introduction to the field of sport psychology, looking at the personal factors that affect performance and psychological development in sport. We will explore the factors that influence behavior, group interaction and processes, and the use of psychological techniques to help perform more effectively.

• PSYCH-312 Cognitive Neuroscience

Prerequisites:

PSYCH 114, PSYCH 215, PSYCH 216 and sophomore standing.

Credits:

4.00

Description:

Examines theory and research on a number of human cognitive processes, including topics of attention, perception, learning, memory, language processing, problem solving, social cognition, emotion, and reasoning. The field of cognition integrates knowledge from the multiple disciplines of neuropsychology, neuroscience, linguistics, and information science. Normally offered yearly.

Term:

Offered Fall Term

• PSYCH-313 Physiological Psychology

Prerequisites:

PSYCH 114, PSYCH 215 and PSYCH 216.

Credits:

4.00

Description:

Explores the organic basis for human and animal behavior. Topics include nervous system structure and function as well as neurological contributions to motivation, emotion, stress, and abnormal functioning. Normally offered yearly.

Term:

Offered Fall Term

• PSYCH-314 Learning & Reinforcement**Prerequisites:**

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Examines the process of the storage of information, including its affective coloration and the role of incentives and rewards. Topics include: principles of classical and operant conditioning; verbal and episodic learning; and traditional and contemporary theory. Normally offered alternate years.

Term:

Offered Fall Term

• PSYCH-315 Neuropsychological Syndromes**Prerequisites:**

Take PSYCH-215 PSYCH-216;

Credits:

4.00

Description:

Provides students with a neuropsychological perspective on common neuropsychological disorders, including attention-deficit hyperactivity disorder (ADHD), learning disabilities, autistic spectrum

disorders, seizure disorders, traumatic brain injury (TBI), multiple sclerosis, HIV, and various dementias. Normal aging will also be considered.

Term:

Offered Fall Term

• PSYCH-317 Psychology of Addictions

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Examines patterns of addictive behavior with an emphasis on physiological etiology. Social, historical, and other psychological perspectives are also discussed. Populations at high risk, the consequences of addiction, and research on interventions and treatment will also be addressed. Normally offered yearly.

Term:

Offered Spring Term

• PSYCH-321 Introduction to Counseling Skills

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Explores and examines basic models of helping and provides supervised practice of helping skills. Format includes lecture, discussion, role play, and video feedback. Normally offered yearly.

Term:

Offered Fall Term

• PSYCH-324 Psychology of Identity and the Self

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Focuses on the processes by which self-knowledge, self-awareness, self-conceptions, self-esteem, self-consciousness, and self-blame are developed and maintained. May also include consideration of: identity and the life story; biography, narrative, and lives; cognition and personality; cultural conceptions of self; and self psychology. Normally offered alternate years.

Term:

Offered Spring Term

• PSYCH-325 Health Psychology**Prerequisites:**

PSYCH 114 and Sophomore Standing

Credits:

4.00

Description:

Surveys theory and research in health psychology and behavioral medicine. Examines the bidirectional effects of social and behavioral processes on physical health and functioning, including topics such as HIV/AIDS, cancer, and cardiovascular disease. Psychological and physiological perspectives on stress and coping are a primary focus throughout the semester. Normally offered yearly.

Term:

Offered Fall Term

• PSYCH-326 Abnormal Psychology**Prerequisites:**

PSYCH 114, and Sophomore standing or permission of the instructor

Credits:

4.00

Description:

Introduces the concepts of psychological disorder and focuses on description and etiology of various mental health problems from a variety of different theoretical perspectives. Students develop familiarity with the DSM classification system and major disorders described within it, including mood and anxiety disorders, thought disorders, and personality disorders. Normally offered each semester.

Term:

Offered Both Fall and Spring

• **PSYCH-333 Adult Development & Aging**

Prerequisites:

PSYCH 114 and Sophomore Standing.

Credits:

4.00

Description:

Surveys theory and research about the physical, mental, and psychological aspects of life-span development. Age-related changes in mental health, personality, self-image, sexual relations, friendships, career development and spirituality are explored. Aging may also be explored as a global, demographic and cross-cultural issue. Research surrounding death and dying, bereavement, and hospice/nursing home care is also presented. Normally offered alternate years.

Term:

Offered Both Fall and Spring

• **PSYCH-334 Adolescent Development**

Prerequisites:

PSYCH-114 and sophomore standing

Credits:

4.00

Description:

Examines the physical, cognitive, emotional and social aspects of adolescence. Attention is given to identity, parent-adolescent relationships, values, sexuality, and career development as well as

psychopathology, drug use and abuse, delinquency, and alienation. Normally offered yearly.

Term:

Offered Fall Term

• PSYCH-336 Developmental Psychopathology

Prerequisites:

PSYCH 114 and sophomore standing

Credits:

4.00

Description:

Examines the etiology and symptoms of disorders of childhood and adolescence, as well as current therapeutic approaches. Developmental changes in the incidence of externalizing disorders, such as conduct disorder and attention deficit disorder, and internalizing disorders, such as depression and eating disorders, are addressed. Disorders that affect both behavioral and mental functioning such as Fetal Alcohol Syndrome and autism may also be included. The role of development in the understanding and treatment of the childhood disorders is reviewed. Normally offered yearly.

Term:

Offered Fall Term

• PSYCH-340 Professional Development in Psychology

Prerequisites:

PSYCH-114; Psychology majors with 32 or more credits;

Credits:

1.00

Description:

Professional Development in Psychology is a one-credit hybrid course designed to enhance your understanding of career options that are available to psychology majors and provide you with the skills and knowledge needed to secure an internship. Through class discussions, readings, and engaging assignments, students will learn about multiple career paths open to psychology majors, develop internship and job search skills, discover on and off-campus resources related to career development, and gain knowledge aimed at maximizing their opportunities for success post-graduation.

- **PSYCH-341 Sociocultural Perspectives on Behavior and Experience**

Credits:

4.00

Description:

Exposes students, particularly those interested in helping and service careers, to the terminology and approaches used in the study and critical discussion of culture and diversity. This course will be useful for students seeking to develop sensitivity, respect, and understanding of the meaning that individuals attach to their own definitions of culture. While topics relevant to specific, ethnic, racial, gendered and differently abled groups will be covered to varying degrees in each semester, attention is also given to culture as a personal and societal construction. Normally offered alternate years. This course fulfills the Cultural Diversity Requirement.

Term:

Offered Spring Term

- **PSYCH-346 Community Psychology**

Credits:

4.00

Description:

Explores the efforts of psychologists to enhance the well-being of groups and communities. Complementing clinical approaches, community approaches have implications for both theory (e.g., environmental and/or person-environment theories) and practice (e.g., prevention-oriented paradigms targeted to groups and social systems). Students will be expected to attend weekly two-hour lectures to examine key concepts within the field (e.g., competence building, empowerment) as well as to engage in weekly community service activity. Normally offered every semester. This course fulfills the Expanded Classroom Requirement.

Term:

Offered Both Fall and Spring

Type:

Local Engagement Experience

- **PSYCH-348 Introduction to Forensic Psychology**

Prerequisites:

PSYCH 114. 54 credits or more only.

Credits:

4.00

Description:

The interface of psychology and the law will be examined in the context of forensic psychological evaluations performed for courts, attorneys and related agencies or facilities. Topics ranging from the role of psychologists in the courtroom, standards of practice, the detection of deception, civil commitment, and ethical issues in forensic psychology will be discussed. Legal standards and the assessment of competence to stand trial, insanity defenses, child abuse and neglect, and child custody/visitation will be explored. This course will review the theoretical and conceptual aspects of the psycho-legal issues in question as well as the practical applications of the skills and knowledge domains needed to perform forensic psychological evaluations. The study of relevant laws and regulations as applied to the interface of psychology and the law will be considered. Discussion will include specialized forensic topics such as expert testimony, the evaluation of sexual offenders, violence risk assessment, and forensic psychological testing.

• PSYCH-350 Psychology Internship**Prerequisites:**

PSYCH-340 and Junior Standing. Restricted to majors only unless permission of instructor. This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Provides majors the opportunity to gain a meaningful field experience in a professional setting that is consistent with their academic background and career goals. Students are on site a minimum of 6 hours a week and must accrue at least 60 hours of field experience. Seminar discussions focus on career exploration, the integration of academic knowledge with the demands of the workplace, and professional issues, including ethics, self-reflection, and cultural sensitivity. Students are required to secure an internship before the course begins. Normally offered every semester.

Term:

Offered Both Fall and Spring

• PSYCH-408 Senior Capstone: History & Systems Of Psychology**Prerequisites:**

PSYCH 114, PSYCH 215, PSYCH 216 and senior standing

Credits:

4.00

Description:

Presents the historical context for the development of core ideas, theoretical positions, and research in the field of Psychology. The interconnections between systematic orientations and domains of psychology are examined along with their relation to contemporary concepts and issues in the field of psychology. Offered every semester.

Term:

Offered Both Fall and Spring

- **PSYCH-422 Groups in Schools**

Prerequisites:

Senior status and permission of department chair required.

Credits:

4.00

Description:

An overview of the various group counseling formats utilized in schools, and related theories. Issues related to the development and implementation of small counseling groups (e.g., group dynamics and processes for group member selection) and larger educational and prevention-based groups (e.g., fostering positive mental health, career-related programming, anti-bullying) will be explored and discussed.

- **PSYCH-428 Honors Capstone: History & Systems Of Psychology**

Prerequisites:

PSYCH 114, PSYCH 215 & 216; Senior standing and admission by invitation only.

Credits:

4.00

Description:

Examines both historical and contemporary theories in the field, along with current empirical research. Emphasizes the reading of primary source material, critical thinking, and seminar discussion. Assessment and measurement issues emphasized, along with substantive writing, typically in the form of an empirical research proposal or a critical review of the theory and research in a focused domain. Admission by invitation only. Normally offered yearly.

Term:

Offered Fall Term

• PSYCH-H428 Honors Capstone: History & Systems Of Psychology**Prerequisites:**

PSYCH 114, PSYCH 215, and PSYCH 216; CAS Honors, Senior standing, and admission by invitation only.

Credits:

4.00

Description:

Examines both historical and contemporary theories in the field, along with current empirical research. Emphasizes the reading of primary source material, critical thinking, and seminar discussion. Assessment and measurement issues emphasized, along with substantive writing, typically in the form of an empirical research proposal or a critical review of the theory and research in a focused domain. Admission by invitation only. Normally offered yearly.

Term:

Offered Fall Term

Type:

Honors

• PSYCH-510 Independent Study**Prerequisites:**

JR or SR status; Majors Only; Department chair consent.

Credits:

1.00- 4.00

Description:

Substantive reading/research in area of special interest directed by a faculty member.

Term:

Offered Both Fall and Spring

- **RAD-206 Introduction to Radiation Oncology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

Offers an introduction to the role of the radiation therapist and medical dosimetrist in a Radiation Oncology department. Through a combination of detailed lectures, discussions, role-playing, case studies, and hands-on laboratory exercises, students will be introduced to the professional and clinical aspects of their respective professions. Additional topics included radiation safety, patients rights, infection control, communication for the clinic, patient assessment, and psychosocial aspects of cancer including death and dying.

Term:

Offered Fall Term

- **RAD-301 Clinical Radiation I**

Prerequisites:

RAD/PHYS 206; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Studying through a systems-based approach, this course reviews anatomy and physiology while teaching medical terminology. Topics will include discussing the major cancers associated with each anatomical system and introducing the student to radiation therapy treatment techniques and procedures.

Term:

Offered Spring Term

- **RAD-L301 Radiation Therapy Rotation I**

Prerequisites:

Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Offered Spring Term

• RAD-302 Clinical Radiation II**Prerequisites:**

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

3.00

Description:

A continuation of RAD 301. Through the same didactic approach, students will learn all of the anatomical systems and their related medical terminology not taught in RAD 301.

Term:

Offered Fall Term

• RAD-L302 Radiation Therapy Rotation II**Prerequisites:**

Radiation Therapy (Major or Certificate) Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become

increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Offered Fall Term

• RAD-L303 Radiation Therapy Rotation III

Prerequisites:

RAD/PHYS L302; Radiation Therapy Students Only

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Offered Spring Term

• RAD-L304 Radiation Therapy Practicum

Prerequisites:

RAD/PHYS-301 and RAD/PHYS-L301

Credits:

1.00

Description:

Provides the necessary clinical experience to become a radiation therapist. All labs are conducted at our clinical affiliates. Under the supervision of licensed radiation therapists, the students will become increasingly proficient in the manipulation of treatment equipment, will gain a thorough understanding of radiation treatment plans, will deliver a prescribed radiation dose to cancer patients, and will acquire knowledge of all relevant aspects of patient care.

Term:

Summer

- **RAD-L311 Medical Dosimetry Rotation I**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Offered Spring Term

- **RAD-L312 Medical Dosimetry Rotation II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a certified medical dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Offered Fall Term

- **RAD-L313 Medical Dosimetry Rotation III**

Prerequisites:

RAD/PHYS L312, Medical Dosimetry Students Only

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Offered Spring Term

• **RAD-L314 Medical Dosimetry Practicum**

Prerequisites:

RAD/PHYS-301 and RAD/PHYS-L311

Credits:

1.00

Description:

Under the supervision of a Certified Medical Dosimetrist, students will gain hands on treatment planning experience in a clinical setting.

Term:

Summer

• **RAD-315 Radiation Physics I**

Prerequisites:

RAD L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

3.00

Description:

Content is designed to establish a thorough knowledge of the radiation physics used in radiation therapy treatments. Topics to be covered in this course include a review of basic physics (energy, mass, matter, SI units), structure of matter, types of radiations, nuclear transformations, radioactive decay, the fundamentals of x-ray generators and x-ray production, interactions of x and gamma rays with matter, absorbed dose, measurements of dose, principles of and practical use of ionization

chambers and electrometers, Geiger counters and other survey meters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

• RAD-L315 Radiation Physics I Lab

Prerequisites:

RAD/PHYS L315 concurrently; Radiation Biology, Radiation Science, Radiation Therapy (Major or Certificate), or Medical Dosimetry Students Only

Credits:

1.00

Description:

Explores topics including quality assurance measurements for radiation therapy, calibration of radiation teletherapy unit using ionization chambers, measurements of dose distribution via film, measurements of dose in a phantom via TLDs, radiation protection survey of therapy installation and brachytherapy sources, and radiation biology.

Term:

Offered Fall Term

• RAD-317 Radiation Physics II

Prerequisites:

RAD 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students Only

Credits:

4.00

Description:

Expands on the concepts and theories presented in Radiation Physics I. It will provide a detailed analysis of the treatment units used in external beam radiation therapy, their beam geometry, basic dose calculations and dose distributions. Students will also learn the principles, theories, and uses of brachytherapy.

Term:

Offered Spring Term

- **RAD-415 Dosimetry I**

Prerequisites:

RAD/PHYS 315; RAD L415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

3.00

Description:

Discusses the factors that influence treatment planning and govern the clinical aspects of patient treatment. Topics to be covered include treatment planning with 3-D CT and MRI beams, isodose plan descriptions, clinical applications of treatment beams and advanced dosimetric calculations. Students will also contrast new emerging technologies with conventional radiation therapy techniques (SRT, SRS, IMRT, Image Guided Therapy, Respiratory Gating).

Term:

Offered Spring Term

- **RAD-L415 Dosimetry I Lab**

Prerequisites:

RAD 415 concurrently; Radiation Therapy & Medical Dosimetry Students Only

Credits:

1.00

Description:

Provides the student with the opportunity to apply clinical dosimetry principles and theories learned in the classroom to actual treatment planning situations within the clinic. Through hands-on lab exercises the student will demonstrate the use of the treatment planning instruments and interpret information they compute.

Term:

Offered Spring Term

- **RAD-416 Radiation Biology**

Prerequisites:

RAD/PHYS 315; Radiation Science, Radiation Therapy and Medical Dosimetry Students only
(including Radiation Science minors)

Credits:

4.00

Description:

Topics covered include: physio-chemical aspects of energy absorption, the sequence of events after irradiation occurring on the molecular, cellular and organized tissue levels, radiation response and repair of eukaryotic cells, effects of radiation quality, dose rate, environmental conditions, cell cycle kinetics, tumor and normal cell population dynamics, radiation-induced carcinogenesis and mutagenesis, tumor pathophysiology and radiobiology, and recent advances in experimental radiation oncology.

Term:

Offered Spring Term

- **RAD-417 Dosimetry II**

Prerequisites:

Medical Dosimetry Students Only

Credits:

4.00

Description:

A continuation of Dosimetry I that focuses on advanced treatment planning techniques including intensity modulated radiation therapy (IMRT), arc therapy, stereotactic treatment planning, and proton therapy. The advantages of each technique/modality over conventional 3D-treatment planning will be discussed. This will also be contrasted against the specific challenges presented by each technique such as the need for better immobilization, need for 4D CT scanning and daily IGRT (kV matching and/or CBCT).

Term:

Offered Fall Term

- **RAD-420 Radiation Oncology & Pathology**

Prerequisites:

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

Students will review cancer epidemiology, etiology, detection, diagnosis and prevention, lymphatic drainage, and treatment. The pathology(s) of each cancer will be presented in detail including the rationale for each preferred modality of treatment.

Term:

Offered Fall Term

• RAD-422 Radiology**Prerequisites:**

Radiation Therapy (Major or Certificate) or Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will begin Beginning with an introduction to radiology, students reviewing x-ray production and discussing basic radiation physics, image formation (Kv, mA) and distortion (blur, magnification), conventional processing and digital imaging. The above-mentioned radiographic imaging concepts will be presented with conventional lectures as well as with several imaging laboratories. In addition, the basic principles of each imaging modality, including mammography, CT, MRI, Nuc Med, and Ultra Sound, will be presented. With the use of departmental tours and guest lecturers, the use, benefits and limitations of each will be discussed. Building upon the information previously presented, radiographic anatomy will also be covered with an emphasis on cross sectional anatomy. Students will review basic anatomy viewed in sectional planes (axial/transverse) of the body. Using CT and MRI images, the topographic relationship between internal organs and surface anatomy will be interpreted and discussed.

Term:

Offered Fall Term

• RAD-435 Brachytherapy**Prerequisites:**

Medical Dosimetry Students Only

Credits:

4.00

Description:

Topics will include, radioactive sources, calibration, instrumentation, factors affecting dose calculations, definitions of LDR, MDR and HDR, treatment planning and clinical dose calculation, implantation techniques, implant localization/verification, regulations, radiation safety, storage and QA. Detailed coverage of prostate brachytherapy including LDR and HDR will be emphasized.

Term:

Offered Spring Term

- **RAD-450 Dosimetry Systems and Networking and Quality Assurance**

Prerequisites:

Senior Status; Medical Dosimetry Students Only

Credits:

4.00

Description:

Includes a general overview of computer systems and networking in the field of radiation oncology. A historical view of computers will be covered as well as the intricate uses in the medical field today. Oncology information record and verification systems, as well as radiation therapy software used for imaging, contouring, treatment planning, and patient charting applications will be covered. Data and system security will also be addressed.

Term:

Offered Spring Term

- **RAD-475 Senior Seminar for Radiation Therapy**

Prerequisites:

Senior status, Radiation Therapy Students Only

Credits:

4.00

Description:

Available to senior students enrolled in the Radiation Therapy program. A seminar style course that serves many purposes; one of which will be preparing our graduating students for board certification (ARRT). Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **RAD-476 Senior Seminar for Medical Dosimetry**

Prerequisites:

Senior Status and Medical Dosimetry Students Only

Credits:

4.00

Description:

This course will be available to second year clinical students enrolled in the Medical Dosimetry program. This seminar style course will serve a number of purposes; one will be to prepare our graduating students for board certification in MDCB for Medical Dosimetry. Exam preparation will include the use of lectures, online teaching tools, mini mock exams, and a full-length mock exam. The seminar will also assist students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

- **RS-111 Introduction to World Religions: Western Traditions**

Credits:

4.00

Description:

This course will explore the comparative history and structure of Western religious traditions, broadly understood, and their impact on other world religions, while attempting to recognize the similarities and the differences among them. Traditions to be studied include Greek and Roman religion, the monotheistic faiths (Judaism, Christianity, and Islam, as well as Zoroastrianism, Sikhism and Bahaim). We will also explore the impact of the Western religions on indigenous traditions, such as African religion, Native American religion, and Pacific Island religion. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. 1 term - 4 credits. Normally offered every year.

- **RS-112 Introduction to World Religions: Eastern Traditions**

Credits:

4.00

Description:

This course will examine a variety of Eastern religions, including Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shintoism. Possible connections to be explored will be the impact of these traditions on others, such as Pacific Islands and African religion, as well as the growing place of Eastern religion in the West. This course will explore the history and structure of each tradition, while attempting to recognize the similarities and the differences among them. Attention will be given to the reading of original texts when available. Requiring students to observe religious ceremonies will enhance practical understanding of many of the above traditions. Normally offered every year. Cultural Diversity B

Type:

Asian Studies

• RS-301 Reason and Revelation**Credits:**

4.00

Description:

Traces the evolution of Judaism, Christianity and Islam to the High Middle Ages to explore the role of Neo-Platonism and Aristotelianism in clarifying and explaining dogma. Particular attention will be paid to ideas about the ways of knowing and rational proofs of God's existence in Philo of Alexandria, Augustine, Anselm, Ibn Rushd (Averroes), Aquinas and Maimonides. 1 term - 4 credits. Normally offered in alternate years.

• RS-510 Independent Study**Credits:**

1.00- 4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

• SCI-101 Physical Science I**Prerequisites:**

One course of MATH 104,121,128(formerly 132),130,134, 164 or 165; SCI L101 taken concurrently

Credits:

3.00

Description:

No longer offered Topics in the physical sciences treated at a level appropriate for non-science majors. Newton's laws, circular motion, heat, electricity and magnetism, optics, and atomic physics are discussed with problem sets required to illustrate the concepts.

Term:

Offered Fall Term

• SCI-L101 Physical Science Lab I**Prerequisites:**

SCI 101 concurrently

Credits:

1.00

Description:

No longer offered Laboratory experiments and exercises to illustrate the principles covered in Science 101. On-time attendance is mandatory for pre-lab lectures. Weekly lab write-ups completed during the lab.

Term:

Offered Fall Term

• SCI-102 Intro to Physical Science II**Prerequisites:**

One course of MATH 104 OR MATH 121 OR MATH 130 OR MATH 132 OR MATH 134 MATH 164 OR MATH 165. SCI L102 Must be taken concurrently

Credits:

3.00

Description:

No longer offered Continuation of topics in the physical sciences for nonscience majors. Nuclear physics, chemical reactions, organic compounds, latitude and longitude, study of the solar system,

astronomy, and cosmology are all covered.

Term:

Offered Spring Term

• SCI-L102 Physical Science Lab II

Prerequisites:

SCI 102 concurrently

Credits:

1.00

Description:

No longer offered Laboratory experiments and exercises to illustrate the principles covered in Science 102. On-time attendance is mandatory for pre-lab lectures. Weekly lab write-ups completed during the lab.

Term:

Offered Spring Term

• SCI-103 Environmental Science

Prerequisites:

SCI-L103 must be taken concurrently

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to environmental degradation, ecosystems, geological processes, population dynamics, deforestation and biodiversity, climate change, ozone depletion, air soil, and water resource management, pollution and risks to health, economics and the environment, politics and the environment, and ethics and the environment.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **SCI-L103 Environmental Science Lab**

Prerequisites:

Must take SCI-103 concurrently

Credits:

1.00

Description:

Laboratory exercises to illustrate the topics covered in Science 103. Field-testing and analysis of environmental samples. Field trip required.

Term:

Offered Fall Term

Type:

SCI TECH ENGNR

- **SCI-L105 Composite Science Lab**

Prerequisites:

Permission of the department, transfer student status- 2 credits

Credits:

2.00

Description:

No longer offered Combination of lecture and lab involving subject matter in the Physical Sciences (not Life Sciences). This is intended for transfer students who have received course credit in the physical sciences from another school and who still need to satisfy a two credit laboratory requirement.

Term:

Offered Both Fall and Spring

- **SCI-L106 Composite Science Lab**

Prerequisites:

Permission of the department, transfer student status- 1 credit

Credits:

1.00

Description:

No longer offered Combination of lecture and lab involving subject matter in the Physical Sciences (not Life Sciences). This is intended for transfer students only who have received course credit in the physical sciences from another school and who still need to satisfy a one credit laboratory requirement.

Term:

Offered Both Fall and Spring

- **SCI-108 Introduction to Cancer Care**

Credits:

4.00

Description:

This course will introduce the students to the top ten U.S. adult cancers, as well as the most common pediatric cancers. Topics to be covered include cancer causes, detection, and prevention. Psychosocial aspects of being diagnosed with cancer and the role nutrition plays for cancer patients will be described. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy, and bone marrow transplants. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: PowerPoint presentations, videos, guest lectures, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through homework, quizzes, exams, and a group poster and oral presentation. Students with any type of academic background are welcome.

Term:

Offered Fall Term

Type:

SCI TECH ENGR

- **SCI-111 Introduction to Astronomy**

Prerequisites:

MATH-128 or higher and SCI-L111 must be taken concurrently.

Credits:

3.00

Description:

History of Astronomy from the ancients to Newton; light; telescopes; sun, earth, moon planets, comets, asteroids, meteors; space programs, science and technology in society. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-L111 Introduction to Astronomy Lab**

Prerequisites:

Take SCI-111 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 111. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGNR

- **SCI-112 Structure of the Universe**

Prerequisites:

MATH-128 or higher and SCI-L112 concurrently

Credits:

3.00

Description:

Astronomy of the cosmos; sun, stars, interstellar materials, galaxies, pulsars, quasars, black holes; nature of time relativity, cosmology. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations. For non-science majors.

Term:

Occasional

Type:

SCI TECH ENGR

• SCI-L112 Structure of the Universe Lab**Prerequisites:**

Take SCI-112 concurrently

Credits:

1.00

Description:

Laboratory experiments and exercises to illustrate the principles discussed in Science 112. Observational exercises using the Celestron telescope, astrophotography exercises, and computer simulations. Course culminates with a visit to the Clay Center Observatory, where students will be able to make first hand observations.

Term:

Occasional

Type:

SCI TECH ENGR

• SCI-113 A Habitable Earth Within the Solar System**Credits:**

4.00

Description:

This course introduces non-science majors to concepts that are central to making our planet habitable. It presents Earth in context of the solar system with a broad view of global climate change and energy resources in a quest to better understand the workings our planet. This course on Earth and Planetary Science is suitable for students who may have taken their last science and math course several years ago, or are just curious about knowing facts on major issues that pertain to the future of our planet. Together with a reading component, this course aims to give students a flavor of how researchers think, investigate and develop conclusions that directly affect our political and economic future. Topics covered in this course range from the solar system to the study of search for other habitable Earth-like planets, search for extraterrestrial life, and evolution of life on Earth. Other characteristics of this course are heavy use of audio-visual materials often including computer animations and simulations, in-class experiment demonstration, and intensive use of INTERNET-based resources.

Type:

SCI TECH ENGNR

• SCI-161 Physical Science

Prerequisites:

One course from MATH 104 OR MATH 121 OR MATH 130 OR MATH 134 OR MATH-164 OR MATH 165 or permission of Dept. Chair. Students who have taken SCI 101/L101 or SCI 102/L102 are not eligible to take SCI 161.

Credits:

4.00

Description:

This is a one-semester, non-lab introduction to the physical sciences. The student will obtain a good understanding of a wide variety of topics covered in selected chapters of the text (measurements, Newton's laws, energy, heat and global warming, wave motion, electricity and magnetism, atomic physics, nuclear physics, chemical reactions, and astronomy) and will be able to solve problems illustrating the most important concepts. Students who have taken SCI 101/L101 or SCI 102/L102 are not eligible to take SCI 161.

Term:

Offered Both Fall and Spring

• SCI-165 Inner Workings of Physics Universe

Credits:

4.00

Description:

About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab , 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Type:

SCI TECH ENGNR

- **SCI-171 The Built World: How Humans Engineer Environments**

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR

- **SCI-H171 The Built World: How Humans Engineer Environments-Honors**

Prerequisites:

Honors students or at least a 3.3 GPA only

Credits:

4.00

Description:

The most basic needs of humans have not changed - water, food, and shelter - but the means of meeting these needs has. In this course, we will examine how technology-driven societies operate by studying how cities are built and how they function. Topics will include water supply and distribution systems; transportation systems (including road and bridge design and construction); building design, construction, and operation (including skyscraper and sustainable building design), and waste removal systems (municipal and industrial wastewater removal and treatment, solid waste removal and treatment). This is not a course about little gadgets and widgets; this is a course about big engineering marvels; and it emphasizes applications of science - how things work - rather than scientific theory.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGNR,Honors

• SCI-173 Mapping Our World The Power of Digital Maps**Prerequisites:**

SCI L173 Must be taken concurrently Knowledge of Windows type Application

Credits:

3.00

Description:

Geographic Information Science (GIS) link information (number of fire hydrants on a block) to features on a map (e.g., a point representing street address) that has a designated geographic location (as designated by global coordinates). Unlike paper maps, GIS software allows the production of interactive maps that allows the user to layer data, to indicate spatial patterns, to analyze trends, and to combine different features of the mapped area in novel ways. For example, a business person may wish to use GIS to determine the optimum location of retail outlet (based on the mapped demographics of a neighborhood), while an environmental engineer may use GIS to describe the location of outfalls to see how they correlate to areas of stream pollution. In this course, students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **SCI-L173 Mapping Our World Lab**

Prerequisites:

Must be taken concurrently with SCI-173

Credits:

1.00

Description:

This laboratory illustrates concepts and methods taught in SCI 173. In this lab students will be introduced to maps, map vocabulary and attributes, and GIS mapping through a series of mapping exercises. A knowledge of Windows-type applications is presumed.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **SCI-181 Science and Life in the 21st Century**

Credits:

4.00

Description:

No longer offered on Boston campus This is a four credit, non-lab, science course that examines the central scientific problems confronting the 21st century. The course studies particular topics and teaches the necessary science around these topics to provide a good understanding of the issues. The topics currently are: Energy, Science and Economic Decisions, Sustainability of Life on Earth, Health and Science.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **SCI-184 Contemporary Science and Innovation**

Credits:

4.00

Description:

This is a 4 credit, project based science course that examines the central scientific problems confronting the 21st century. The course consists of lectures, class discussions, field trips, and in-class hands-on activities designed to familiarize the student with different concepts of the lectures. The current focus is on sustainable energy production. A final team project related to the course topics will be given. This is the version of SCI 183 without a separate lab component. Students who have taken SCI 183, L183 are not allowed to take this course.

Term:

Offered Both Fall and Spring

Type:

SCI TECH ENGR

- **SCI-201 Physics for Future Presidents**

Credits:

4.00

Description:

This course presents a topical introduction to the key principles and concepts of physics in the context of the world events and natural phenomena that confront world leaders and that require informed decisions and responses. Energy, health, counter-terrorism, remote sensing, space programs, nuclear proliferation, and a host of other modern challenges have technological and scientific dimensions, the understanding of which is essential to avoiding disastrous policy decisions. This course considers the application of physics to these societal challenges. The material is covered at a level and pace that a future world leader should be able to handle; the emphasis is on the development of physical reasoning skills, and not on detailed, mathematical problem solving.

Type:

SCI TECH ENGR

- **SCI-210 Earth and Planetary Crystals**

Prerequisites:

Take SCI-L210 concurrently

Credits:

3.00

Description:

This course will provide undergraduate students of various disciplines with an introduction to gems and crystals using interactive, evidence-based teaching approaches. Crystalline forms of matter are critical to our existence. Using innovative teaching strategies of in-class hands-on demonstration, supplemented with visuals of crystal details, the course provides students insights into the formation, alteration and unique properties that make crystals invaluable. Topics range from the study of proteins and nucleic acids to the interior of planets. The in-class lectures will provide a basic guide that will serve as a platform for individually catered in-depth study. Therefore, the course is open to advanced students as well, who can pick up higher level of information for discussion and class projects.

Type:

SCI TECH ENGNR

• SCI-L210 Earth and Planetary Crystals Laboratory**Prerequisites:**

Take SCI-210 concurrently

Credits:

1.00

Description:

This course introduces concepts that are central to understanding crystals, gemstones and other natural materials abundant throughout the solar system. It includes an introduction to carbon-based crystals (diamonds, proteins, viruses and ices) in context with origins of life, geopolitical significance and their applications. This laboratory-based course is an introduction to modern tools and techniques for crystal analysis with a historical context of some of the greatest discoveries in science (DNA, and other nanomaterials). It presents crystals and gems from their visually appealing point of view to their sometimes-dramatic physical characteristics, with a broad view of their formation, occurrence, physics, chemistry and resources perspective.

Type:

SCI TECH ENGNR

• SCI-251 Intro to Coastal Geology**Prerequisites:**

Intro Math

Credits:

4.00

Description:

Coastal environments will be analyzed with an emphasis on the important environmental characteristics of these areas. Management and environmental problems within the coastal and offshore areas such as beach erosion, beach access, and oil spills will be considered. One required field trip.

Term:

Offered Spring Term

• SCI-L251 Intro Coastal Geology I Lab**Prerequisites:**

SCI 251 must be taken concurrently

Credits:

1.00

Description:

An introduction to laboratory and field techniques used in the geological study of coastal environments. Field trips will be taken to local coastal areas.

Term:

Offered Spring Term

• SF-000 SF Place Holder**Credits:**

0.00

Description:

Place holder for rooming purposes.

• SF-101 Fixing the World- Energy and Water: The Science of Solutions**Credits:**

4.00

Description:

Two of the most daunting challenges the world faces (or will face) is how to provide for both its growing energy needs and potable drinking water. Regular news events include climate change, droughts, flooding, and petroleum struggles. Human nature often requires a severe crisis before it responds. This course will investigate the historical science driving the use of energy since the Industrial Revolution to convert energy resources into work, including the steam engine, the electric motor, and the internal combustion engine. It will also consider alternative energy options to fossil fuels, such as solar, wind, geothermal, and ocean power. Along the way we will consider the evidence for Global Warming and Climate Change. We will look into human nature, simple life styles, conspiracy theories, and the influence of those in power to shape human opinion. We will also consider how our water supply is provided and where it goes after being used. What options do developing countries or drought racked areas have to remedy their water needs? Although the course pursues a scientific understanding of these issues, the mathematics used will be gentle, and a larger emphasis will be placed on the intuitive appreciation of these concerns.

- **SF-H101 Fixing the World- Energy and Water: The Science of Solutions**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

Two of the most daunting challenges the world faces (or will face) is how to provide for both its growing energy needs and potable drinking water. Regular news events include climate change, droughts, flooding, and petroleum struggles. Human nature often requires a severe crisis before it responds. This course will investigate the historical science driving the use of energy since the Industrial Revolution to convert energy resources into work, including the steam engine, the electric motor, and the internal combustion engine. It will also consider alternative energy options to fossil fuels, such as solar, wind, geothermal, and ocean power. Along the way we will consider the evidence for Global Warming and Climate Change. We will look into human nature, simple life styles, conspiracy theories, and the influence of those in power to shape human opinion. We will also consider how our water supply is provided and where it goes after being used. What options do developing countries or drought racked areas have to remedy their water needs? Although the course pursues a scientific understanding of these issues, the mathematics used will be gentle, and a larger emphasis will be placed on the intuitive appreciation of these concerns.

- **SF-102 Economics and the Environment**

Credits:

4.00

Description:

This seminar will establish a clear link between the environment and the macroeconomy. We will examine how environmental decisions are also economic decisions that affect output and employment, among other things. We will also establish that environmental issues are global in nature and have political and economic effects beyond our borders. Students will do a significant amount of research and writing and will engage in group discussions.

• SF-116 Enlightened Insanity**Credits:**

4.00

Description:

Rain or shine, the great 18th century Enlightenment philosophers would meet at the famous cafes of Paris to discuss their ideas, and to observe and criticize society. From these informal debates emerged ideas that are at the core of our modern understanding of the nature of society, marginality, human nature, civil rights, the essence of creativity and genius. Come join us in the quest to understand, define, observe, and analyze the key ideas and concepts of these great thinkers, such as Rousseau, Diderot, and Voltaire, still so relevant in our time. We will read key works of these creative thinkers and philosophers. We will enrich our experience and understanding through the use of film, theatre performances, museum visits, as well as the occasional cafe debate.

• SF-H116 Enlightened Insanity**Prerequisites:**

CAS Honors students only.

Credits:

4.00

Description:

Rain or shine, the great 18th century Enlightenment philosophers would meet at the famous cafes of Paris to discuss their ideas, and to observe and criticize society. From these informal debates emerged ideas that are at the core of our modern understanding of the nature of society, marginality, human nature, civil rights, the essence of creativity and genius. Come join us in the quest to understand, define, observe, and analyze the key ideas and concepts of these great thinkers, such as Rousseau, Diderot, and Voltaire, still so relevant in our time. We will read key works of these creative thinkers and philosophers. We will enrich our experience and understanding through the use of film, theatre performances, museum visits, as well as the occasional cafe debate.

Type:

Honors

- **SF-126 The Boston Theatre Scene: the Inside Experience**

Credits:

4.00

Description:

Using the current Boston theatre season as its syllabus, this writing- and analysis-intensive course will explore several plays in production at some of Boston's many professional theatres. We will study the script of four to five plays before attending performances of those works. Students will gain insights on the world of theatre through backstage tours and conversations with theatre professionals such as producers, directors, actors, designers, playwrights, and critics. Students must be available for evening (usually Wednesday) performances. A fee for student-rate tickets will be assessed.

- **SF-H126 The Boston Theatre Scene: The Inside Experience**

Credits:

4.00

Description:

Using the current Boston theatre season as its syllabus, this writing- and analysis-intensive course will explore several plays in production at some of Boston's many professional theatres. We will study the script of four to five plays before attending performances of those works. Students will gain insights on the world of theatre through backstage tours and conversations with theatre professionals such as producers, directors, actors, designers, playwrights, and critics. Students must be available for evening (usually Wednesday) performances. A fee for student-rate tickets will be assessed.

Type:

Honors

- **SF-132 The Beatles: Here, There & Everywhere**

Credits:

4.00

Description:

This seminar will investigate the impact and legacy of the Beatles. The Fab Four deserve our scholarly attention as musical innovators and as cultural avatars of the 1960s, an era that still exerts influence today. We will examine the many ways in which the Beatles rocked the establishment and became defining figures in post-war youth culture. We will also discuss other media (the visual arts, film,

fashion, style) and fields of study (mass media, marketing, recording technology, copyright law, English history) using the Beatles as our guides.

- **SF-143 Between Myth & Reality: Representations Of Spain**

Credits:

4.00

Description:

Using excerpted readings from travel texts, histories, and essays from the nineteenth and twentieth centuries, this course will explore the varying descriptions and interpretations of Spain as seen by those traveling through and/or living within its boundaries. From Richard Wright's thought-provoking insights into Franco's Spain's racial issues to Giles Tremlett's straightforward depictions of contemporary Spain, the readings will provide differing filters through which to consider the many contradictions that make up the Spanish experience.

- **SF-151 Getting Over It: Dealing With the Aftermath of Group Conflict/Mass Atrocity**

Credits:

4.00

Description:

Once violent conflict between two groups has ended, what is the best way to transition back to normality coming to terms with the past or simply moving on? To answer these questions we will examine the debates surrounding war crime tribunals, truth commissions, lustration policies, and reparations in the second half of the 20th century. Case studies will include post-apartheid South Africa, post-WWII Germany, and the Israeli/Palestinian conflict. We will discuss the philosophical problems raised by each of these instruments, as well as on the political, legal, and practical difficulties their implementation present. Cultural Diversity B

- **SF-156 The Mask Behind the Face: Personas, Personalities, and Perception. Acting in /Out Life**

Credits:

4.00

Description:

The theatre has always been a metaphor for life. In modern times life has become theatre. This seminar will confront the idea of real life and the eroding boundary between performers and audience. Students will study the roots of the contemporary obsession with stars and stardom, a mania that

began in the 18th century and flourished in the 19th century. We will look at performance studies, performers memoirs, plays, and films that dramatize this dilemma.

- **SF-173 Crime in American Society**

Credits:

4.00

Description:

Popular beliefs about crime are often inspired by the media and by specific criminological theories. These theories about and media images of crime will be examined in detail, including the hits and misses.

- **SF-174 Tragedy and Literature**

Credits:

4.00

Description:

This course will focus on classic works of ancient and modern literature that examine the human condition from a tragic perspective. We will concentrate on close readings from the following texts: Homer's Iliad, Sophocles' Antigone, The Bhagavad-Gita, Shakespeare's Othello, Chekhov's short stories, and Joyce's Dubliners.

Type:

Classics Minor

- **SF-175 War and Apocalypse in Science Fiction**

Credits:

4.00

- **SF-177 Language, Culture, and Identity in Globalization**

Credits:

4.00

Description:

Language is a living thing. It grows and changes with each generations usage, and dies when no longer needed. Language is also a key component of cultural identity. People who share a language can communicate about issues, rituals, and ideas that are important to them, and thus can participate in the same culture. People who do not understand the language of the culture they are living in become isolated and marginalized. Throughout history, travelers and traders have visited other cultures and learned their languages. This has allowed them to communicate, trade and prosper. Technology and rapid transportation, hallmarks of modern globalization, have provided more opportunities for people from different cultures to interact and share. Still, one complication to these interactions is language. There is a perceived need for a common language in order to facilitate improved communication, trade, and exchange of ideas. However, the promotion of a common language, increasingly English, leads to concerns about loss of native languages, cultural knowledge, and the ties that bind communities. The youth of the 21st century are in a challenging position; they must strive to be both the agents of change, and keepers of their national and cultural identity. This course provides a framework for students to examine these challenges and consider the value of bilingualism, language preservation, and global communication.

- **SF-178 Sacred Hoops & Sneaker Pimps: Understanding the American Hoop Dream**

Credits:

4.00

Description:

This course is about the basketball hoop dream played out at the high school and college levels. We will study a wide variety of materials - novels, films, websites, reference works - to understand both the construction, and destruction, of the hoop dream in such diverse places as New York City, Seattle, rural Indiana, suburban Georgia, and the Wind River Reservation in Wyoming. Issues of race and culture will serve as guiding themes as we develop critical theory explaining why the hoop dream has persisted, and adapted, over time, to fit the needs of its believers and supporters.

- **SF-H178 Sacred Hoops & Sneaker Pimps: Understanding the American Hoop Dream**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This course is about the basketball hoop dream played out at the high school and college levels. We will study a wide variety of materials - novels, films, websites, reference works - to understand both the construction, and destruction, of the hoop dream in such diverse places as New York City, Seattle, rural Indiana, suburban Georgia, and the Wind River Reservation in Wyoming. Issues of race and

culture will serve as guiding themes as we develop critical theory explaining why the hoop dream has persisted, and adapted, over time, to fit the needs of its believers and supporters.

Type:

Honors

- **SF-181 The Psychology of the American Teenager: Integrating Nature and**

Credits:

4.00

Description:

American adolescence is relatively a short-lived age period but it has a long lasting effects. What is it about American adolescence that makes it so important? To answer this question, we will examine adolescence from several different perspectives. For example, we will explore how and why the period of adolescence has grown longer over the past 100 years. We also will look at some of the unique biological and psychological aspects of adolescents. Finally, we will examine societal expectations, how adolescents function in school, their leisure activities, and some of the unique psychological problems associated with this period of life.

- **SF-182 Heroes, Antiheroes and Outsiders: Reading the Graphic Novel**

Credits:

4.00

Description:

How is it that comics", a genre often viewed as entertainment for children and adolescents, has become one of the most exciting forms of narrative and visual art? To answer this question, this seminar will examine a range of graphic novels, from those that celebrate their origins in superhero comics, such as Alan Moore's Watchmen, to those that treat subjects not usually considered proper to the comics genre, such as Art Spiegelman's Maus, about the Holocaust, and Alison Bechdel's Fun Home, about the complexities of sexual identity. As we read these works, we will look at how the combination of words and still images makes the graphic novel a unique storytelling form, as well as how artists and writers push the envelope to create new styles and challenge our expectations. In addition to class discussions and writing assignments, we will take a field trip to the Museum of Fine Arts and create a collaborative group graphic novel step-by-step over the course of the semester (all abilities welcome).

- **SF-H182 Heroes, Antiheroes and Outsiders: Reading the Graphic Novel**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

How is it that comics", a genre often viewed as entertainment for children and adolescents, has become one of the most exciting forms of narrative and visual art? To answer this question, this seminar will examine a range of graphic novels, from those that celebrate their origins in superhero comics, such as Alan Moore's *Watchmen*, to those that treat subjects not usually considered proper to the comics genre, such as Art Spiegelman's *Maus*, about the Holocaust, and Alison Bechdel's *Fun Home*, about the complexities of sexual identity. As we read these works, we will look at how the combination of words and still images makes the graphic novel a unique storytelling form, as well as how artists and writers push the envelope to create new styles and challenge our expectations. In addition to class discussions and writing assignments, we will take a field trip to the Museum of Fine Arts and create a collaborative group graphic novel step-by-step over the course of the semester (all abilities welcome).

Type:

Honors

- **SF-183 Politics, Power and the Media**

Credits:

4.00

Description:

Is there a relationship between accumulated political power and mass media representations? Is news content impacted by existing political power relations? It is the object of this course to critically analyze the role of the mass media within the framework of existing political power relations in the United States. In particular, the course will focus on the role the mass media plays in promoting and reinforcing dominant political practices and ideologies. The course will begin by exploring various theories of the press, notably its function in a democratic society, as well as the concepts of power and propaganda. We will continue with a series of case studies, complemented by secondary sources that highlight how media representations affect the contemporary distribution of political power in the US. Topics of discussion will include the current US war on terrorism, the ongoing health care debate, the public disavowal of big government", and the concept of a liberal media.

- **SF-189 American Gothic: Edgar Allan Poe, Flannery O'Connor and Annie Proulx**

Credits:

4.00

Description:

This literature seminar will study and compare the short stories of Edgar Allan Poe, Flannery O'Connor, and Annie Proulx. Beginning with Poe as the father of the short story genre in America and exploring his critical theory of the grotesque and arabesque", the class will examine the emergence of the gothic literary idiom as a classic American genre. Critical essays on the gothic aesthetic will be analyzed and film adaptations and documentaries will be viewed.

- **SF-H189 American Gothic: Edgar Allan Poe, Flannery O'Connor and Annie Proulx**

Credits:

4.00

Description:

This literature seminar will study and compare the short stories of Edgar Allan Poe, Flannery O'Connor, and Annie Proulx. Beginning with Poe as the father of the short story genre in America and exploring his critical theory of the grotesque and arabesque", the class will examine the emergence of the gothic literary idiom as a classic American genre. Critical essays on the gothic aesthetic will be analyzed and film adaptations and documentaries will be viewed.

Type:

Honors

- **SF-190 Asia in America Fiction and Fact**

Credits:

4.00

Description:

With a focus on some selected ethnic groups from Asia, Asia in America studies the history and current status of Asian Americans in Boston and other parts of the country. We will examine the major reasons why these immigrants chose to leave their home country as well as their expectations and experiences here in America. We will also discuss the issues Asian immigrants have faced in this adopted home as well as the connections and conflicts among different ethnic groups or even within the same ethnic group due to political and socio-economic reasons. The course will include some level of community engagement, through Chinatown tour and service, which may enable us to have a direct contact with the Asian American population and reflect on what is being discussed in class. Through this course, we hope to gain a better understanding of the racial and cultural history of the country and arrive at a deep appreciation of the dynamics of cultural interactions in the twenty-first century. The course fulfills the SCGP requirement.

Type:

Global Engagement Experience

- **SF-191 Film Adaptation Film Adaptation**

Credits:

4.00

Description:

Why did they change the ending of the book? The novel is so much better! We will explore the concept and industry of film adaptation. Students will read novels and watch respective film adaptations to explore how the written word is adapted to the screen; both fiction and non-fiction works will be considered. Also, field trips to past film locations in Boston will be taken to explore why specific settings were chosen for respective situations. Additionally, students will create their own written adaptations of source materials, putting into practice the concepts studied in class.

- **SF-H191 Film Adaptation Film Adaptation**

Prerequisites:

CAS honors students only.

Credits:

4.00

Description:

Why did they change the ending of the book? The novel is so much better! We will explore the concept and industry of film adaptation. Students will read novels and watch respective film adaptations to explore how the written word is adapted to the screen; both fiction and non-fiction works will be considered. Also, field trips to past film locations in Boston will be taken to explore why specific settings were chosen for respective situations. Additionally, students will create their own written adaptations of source materials, putting into practice the concepts studied in class.

Type:

Honors

- **SF-197 Sustainability, Energy, and Technology At Suffolk University**

Credits:

4.00

Description:

In this project and team-based course, students study a sustainability problem at Suffolk University and spend the semester developing proposals to address the problem. At the end of the course students will present their proposals to Suffolk University's sustainability committee, and will exhibit their websites and visual aids in the Donahue lobby to educate the Suffolk community about sustainability. If their proposals are well-researched and well-communicated, students can see their ideas actualized while they are still undergraduates.

- **SF-H197 Sustainability, Energy, and Technology At Suffolk University**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

In this project and team-based course, students study a sustainability problem at Suffolk University and spend the semester developing proposals to address the problem. At the end of the course students will present their proposals to Suffolk University's sustainability committee, and will exhibit their websites and visual aids in the Donahue lobby to educate the Suffolk community about sustainability. If their proposals are well-researched and well-communicated, students can see their ideas actualized while they are still undergraduates.

- **SF-198 Music and the Brain**

Credits:

4.00

Description:

What accounts for the power of music to move us so profoundly? This course explores how our brains and music evolved together: What music can teach us about the brain, what the brain can teach us about music, and what both can teach us about ourselves.

- **SF-H198 Honors Music and the Brain**

Prerequisites:

CAS Honors Students Only.

Credits:

4.00

Description:

What accounts for the power of music to move us so profoundly? This course explores how our brains and music evolved together: What music can teach us about the brain, what the brain can teach us about music, and what both can teach us about ourselves.

Type:

Honors

• SF-199 Unfolding the European Union**Credits:**

4.00

Description:

The EU is a powerful political, economic and cultural block that is meant to play a major role, together with the USA and China, in the creation of a new post-crisis world order. The seminar is intended to cover, at a basic but reachable level, the history, the politics, the culture and the functions of the EU in the beginning of the Twentieth Century. An extraordinary experiment of sociopolitical engineering, comparable to that of the United States of America, the EU has been changing the life of an increasing number of Europeans for over 50 years. No American student could afford to ignore the inner structure as well as the particular peculiarities of such inclusive supranational organization in today's world. Issues as institutional functioning, problems derived from individual state sovereignty, economic coordination to face common challenges, cultural integration, future enlargement, etc. are all indispensable to understand the way in which Europe is changing. But also much more day-to-day issues, such as travel mobility, education exchange programs, citizen's participation, supranational networks of people in the arts or in business, unified labor market, gender participation, human rights, consumer's protection, etc. are all in the process of developing a more robust and functional European Citizenship.

• SF-1110 Decoding Boston: Signs and the City**Credits:**

4.00

Description:

This interdisciplinary seminar will explore the buildings, monuments, sites, and signs around Boston from the point of view of Visual and Culture Studies. In addition to providing a compelling introduction to the history, major landmarks, and culture of the city, the seminar is specifically intended to improve students' visual literacy: that is, their awareness of their visual environment and their ability to critically analyze the rhetoric of the spaces, buildings, and images with which they are surrounded.

Type:

Local Engagement Experience

- **SF-1118 Pageantry: Competitive Beauty**

Credits:

4.00

Description:

In this seminar, we will explore the history and mystique of pageantry in our country. We will study the roots of these programs (such as Miss America) and look for lessons learned about women as we follow the progression of competitive beauty through to the crowning of a young woman students may come to see as someone not too different from themselves. This exercise in exploration and examination of the American beauty queen should intrigue all her peers, and challenge supporters and critics of pageants alike to redefine their opinions of the modern pageant woman.

- **SF-1122 The Ethics of Peace and War: From The Ancient World to the Present**

Credits:

4.00

Description:

This course will explore historical, ethical and political issues concerned with matters of peace and war. We will examine a variety of different texts: religious, historical, philosophical and literary, but the main emphasis will be philosophical justifications for war and philosophical visions of just peace, with an eye to contemporary questions in the War on Terror. To the extent that we use non-philosophical texts, this will be in the service of focusing the imagination on the philosophical issues and applying theoretical frameworks to historical events.

- **SF-1127 The Vietnam and Iraq Wars: Polarized Perspectives**

Credits:

4.00

Description:

This class will examine some of the many controversies surrounding the Vietnam and Iraq Wars, two conflicts that have been profoundly polarizing for the American people. There are widely divergent perspectives regarding the fundamental questions surrounding each war. Were the reasons for American involvement just? To what extent were the methods used by the United States military during each war just? To what extent did the media play an appropriate role before, during, and after each

war? Did opposition to these wars serve primarily to benefit the enemies of the United States or did it constitute a form of patriotism and love of country? This interdisciplinary course will address these and other complex questions by examining the histories, literature, and films (both documentaries and dramatic) that have been produced in response to these wars.

- **SF-1128 Sustainable Media**

Credits:

4.00

Description:

Contrary to a popular perception that information, communication and entertainment technologies are clean, ecologically benign and paperless, the reality of an increasingly digital life is that our fascination with the next best thing in mobile phones, video game consoles, personal computers, digital cameras, tablets, etc., has devastating impacts on our environment. These media devices are manufactured using toxic ingredients in poisonous working condition, require an abundance of energy to operate, and create hazardous waste when disposed. Media technology companies and the advertising industry that markets their wares have successfully persuaded consumers to accept rapid obsolescence and to highly anticipate the latest upgrade. But some consumers, electronics manufacturers, policy makers, and environmental groups are working to change the culture of consumption in favor of sustainable media practices that lessen the environmental footprint of the digital devices we use everyday. The purpose of this course is to understand the problem of unsustainable media, and the possible solutions for a sustainable media system.

- **SF-1129 Beacon Hill: Fact, Fiction, and Fantasy**

Credits:

4.00

Description:

The course will explore the physical geography, history, and image in literature, film, and pop culture of Suffolk University's Beacon Hill neighborhood. The purpose and objective of the course is to provide students with a deep knowledge, understanding, and appreciation of Beacon Hill through examination of written and visual sources, and feet-on and eyes-on experience of the public parts of the Hill.

Type:

Local Engagement Experience

- **SF-H1132 American Enlightenment: Humanism & Humanistic Politics in America**

Prerequisites:

CAS honors students only.

Credits:

4.00

Description:

This course will examine 1) the demographics of the religiously unaffiliated in America and their impact on American politics; 2) the problem of belief without evidence, religious extremism, and the connection of radical religion to terrorism and violence; 3) the history of enlightenment thought in America; 4) freedom of religion in America and the secular framework created under the U.S. Constitution; 5) the philosophy of humanism and the phenomenon of humanist communities and chaplaincies being created on college campuses; 6) the philosophy of naturalism and the philosophical uses of the epic of evolution; and 7) the philosophy of Humanistic Religious Naturalism, which is a synthesis of humanism and naturalism. The course will also examine whether skeptics can reap the benefits of religious practice by engaging in secular alternatives to traditional religious practices.

Type:

Honors

- **SF-1133 Problems and Solutions in Early American History**

Credits:

4.00

Description:

This course will examine four major problems in the early American republic: forming a government; bridging vast distances on the American continent; slavery; international relations. We will explore the various proposed solutions to these problems. Some of the solutions worked well, others were more disastrous than the initial problem. We will read primary documents pertaining to these issues, and try to imagine how men and women considering the problems might have responded to them. What solutions could be proposed? What solutions would work? What were the political, economic, or social difficulties generated by the problem and by the proposed solutions? In considering the problems, we will also learn how to use the various archives close at hand: the Sawyer Library, the Boston Public Library, the Massachusetts Historical Society, and the Massachusetts State Archives. Students will also post their findings on a class blog, and present their work to one another in class.

- **SF-1134 The Meaning of Life**

Credits:

4.00

Description:

What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? This award-winning course offers a cross-cultural, interdisciplinary exploration of these questions through philosophical and religious texts, art, fiction, autobiography, and psychological studies. The course opens with the Old Testament's book of Ecclesiastes, followed by three units: 1) A Life Worth Living: Humanity's Ideals focuses on the ancient and modern visions of human flourishing; 2) Threats to Meaning: Humanity's Discontents, discusses the disillusionments leading to the loss of meaning; and 3) Recovery of Meaning: Crises and Hopes, explores the post-crisis possibilities of self-discovery and growth. Please visit <http://meaningoflife.cherkasova.org/>

• SF-H1134 The Meaning of Life

Prerequisites:

CAS honors students only.

Credits:

4.00

Description:

What do we live for? Which beliefs, values, and experiences sustain meaningful, fulfilling existence? Are we authors of our destinies or powerless pawns in an unfathomable cosmic game? Does death render all our efforts superfluous? This award-winning course offers a cross-cultural, interdisciplinary exploration of these questions through philosophical and religious texts, art, fiction, autobiography, and psychological studies. The course opens with the Old Testament's book of Ecclesiastes, followed by three units: 1) A Life Worth Living: Humanity's Ideals focuses on the ancient and modern visions of human flourishing; 2) Threats to Meaning: Humanity's Discontents, discusses the disillusionments leading to the loss of meaning; and 3) Recovery of Meaning: Crises and Hopes, explores the post-crisis possibilities of self-discovery and growth. Please visit <http://meaningoflife.cherkasova.org/>

Type:

Honors

• SF-1135 Women Warriors: Stories of Captivity, Conversion, and Confession

Credits:

4.00

Description:

Since the beginning of time, women have been doing battle to themselves, while men have gone to battle against others. Whether it is through converting to Christ, yielding to captors in order to survive, or carrying a baby, this course introduces students to the many ways in which, whatever battles they face, women are warriors; they survive. Utilizing an array of captivity, conversion, and confession

narratives by women, and pairing them across the centuries, students will make connections and draw conclusions between early-and mid-19th-century-American and contemporary women. Students will connect, for example, the trials of the 17th-century Puritan captive, Mary Rowlandson, and contemporary hostage, Elizabeth Smart, to explore how women (no matter how different they seem) draw upon unique inner resources to survive.

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Type:

Honors

- **SF-1136 Varieties of Religious Experiences**

Credits:

4.00

Description:

This course is designed as an exploration into the various depths, dimensions, and meanings of religious thought and practice. World religions and belief systems will be presented in terms of their underlying experiential, psychology and spiritual significance in our ordinary thinking. The ancient wisdom teachings of world religions, philosophy and myth will be examined as metaphysical claims about the nature of the universe and our understanding of it. Special emphasis will be placed on challenging current traditions concerning the role of consciousness and religious experience. Students will be required to actively participate in exploring other/alternative religions and religious centers in the greater Boston area. Classes will be conducted by means of lecture, primary texts in translation and meditation exercises.

- **SF-1138 Malevolent Or Misunderstood?: Monsters of Mythology**

Credits:

4.00

Description:

This course will critically engage with folk and pop-cultural representations of monsters. Students will read from diverse areas relating to the topic, including psychology, anthropology, history, and cultural studies. This course will explore the changes in monster figures from early history to the internet age. The main purpose of this course is to teach students to write academically and to think critically. This course aims to give students the tools to engage in academic inquiry, to think beyond what they believe they already know and to question. This course will give students the freedom to develop their own ideas about the subjects discussed.

- **SF-1140 Mercy Mercy Me: the Intersections of Art, Science, and the Environment**

Credits:

4.00

Description:

In this course, we will examine global environmental issues through both artistic and scientific lenses. We will look at-and listen to-the way our world situation is described by artists, engineers, and scientists. We will examine the rise of consumer culture post World War II, the growth of environmental concern in the 1970s, the environmental impacts of consumer culture, and the global projections for what future holds in 2050. We will examine how art contemplates the beauty of the natural world and reflects both hope and anxiety about our global future-and how science and engineering do the same! We will be using sources from art, science, and engineering in our investigations. No extensive science background is presumed for this course, but an interest in how the physical world works and how we describe it to ourselves is.

- **SF-1141 Classical Civilizations: Pathways to Wisdom**

Credits:

4.00

Description:

How is it that the knowledge, intelligence, wisdom and values of the Greeks and Romans still educate and edify the world by providing venues towards leading fulfilling and dignified lives? The guiding principles of their respective civilizations rested upon eight pillars: - Humanism: It was recognized that humans have the potential to master their world and live life to the fullest. -The Pursuit of Excellence: To imagine the highest good and strive to attain it. - Self Knowledge: It is imperative to know oneself before seeking to know the world. - Rationalism: Always question, reason and discern truth from

falsehood and never consider any matter superficially. - Restless Curiosity: Often the resolution of one issue leads to the revelations of others mysteries and pursuits which compels further investigation. The wise individual makes this a lifelong endeavor. -Love of Freedom: As long as one brings no harm to others, one must be free to live and discover as much as possible. - Individualism: All are unique and, therefore, must recognize individual strengths and identity. -The Practice of Moderation: The prudence of avoiding extremes in personal and social conduct. In this course, students will read two (brief) texts on the Greek and Roman contributions to the world and then will proceed with specific readings which illuminate the eight principles above for achieving the good life.

• SF-1143 In the First-Person: Storytelling in the 21st Century

Credits:

4.00

Description:

This section of the Seminar for Freshmen will consider the forms, venues, and impacts of narrative nonfiction in contemporary culture. From the exploding popularity of personal essays in the digital age to the living, evolving essays we create on social media, we are constantly narrating and archiving our lives, shaping their content for specific audiences. In doing so, we shape what our experiences mean and represent. In order to analyze the power of narrative nonfiction, we will look at a variety of multimodal texts: essays, podcasts, Instagram and Twitter feeds, stand-up comedy, and storytelling slams, as well historical texts such as the essays of Michel de Montaigne and historical artifacts at the National Archives in Boston. We will also write our own narrative nonfiction, and adapt our first-person stories for listening and viewing audiences, such as the MassMouth story slam and podcasts like This American Life. Additionally, we will practice narrative nonfiction for professional audiences, using storytelling as a way to showcase personal strengths to employers, internship coordinators, and the like.

• SF-1144 Native Americans: Walking in Two Worlds?

Credits:

4.00

Description:

Native Americans are often described as walking in two worlds, as they attempt to navigate the process of maintaining their tribal identity and heritage while living in mainstream America. In recent years there has been a shift towards tradition and heritage, and a rejection of Western values and norms in both the US and Canada. In this course we will look at how Native people live in the US and Canada today, and examine the extent to which they are either trying to walk in two worlds or perhaps rejecting the two worlds model. To help us answer this question, we will read about reservation life, the Idle No More Movement, Indigenous History, and current events. We will also watch videos and explore indigenous culture.

- **SF-1145 Emergence of Southeast Asia**

Credits:

4.00

Description:

Explores the eleven countries and 600 million people of Southeast Asia starting with foundations- geography and environment- and then looking at the human imprint, in the form of the history, religions, and cultures of the region. An examination of contemporary issues related to demography, politics, and (especially) economics.

- **SF-1146 Fido the Friendly Wolf: A Natural History of Dogs**

Credits:

4.00

Description:

This course explores the evolution of dogs from wolves and the ways in which dogs have adapted to their niche in human society. The ecology, behavior, genetics, and adaptations of dogs will be explored in relation to both their wolf ancestry and artificial selection by humans. The course includes 2 mandatory field trips to a wolf sanctuary and an animal shelter.

- **SF-H1146 Fido the Friendly Wolf: A Natural History of Dogs**

Prerequisites:

CAS Honors students only

Credits:

4.00

Description:

This course explores the evolution of dogs from wolves and the ways in which dogs have adapted to their niche in human society. The ecology, behavior, genetics, and adaptations of dogs will be explored in relation to both their wolf ancestry and artificial selection by humans. The course includes 2 mandatory field trips to a wolf sanctuary and an animal shelter.

Type:

Honors

- **SF-1147 Global (In) Security: From ISIS to Ebola**

Credits:

4.00

Description:

This course reviews the principal features of global and national security as it is currently practiced by tracing the evolution of theories, policies and circumstances whereby current international security is developed. Students will evaluate the nature and origins of war, arms proliferation, military instability, terrorism, genocide, health threats and natural resources depletion.

• SF-1148 Brave New Worlds**Credits:**

4.00

Description:

Explores themes of adventure, self-discovery, exile, and culture shock in classic and contemporary travel writing (including fiction, poetry, and non-fiction) as well as film. Students will experiment with creative writing of their own, develop theories of cosmopolitan world citizenship, travel through the city of Boston on field trips, and team up to learn about different countries in Suffolk's global network of study abroad programs.

• SF-H1148 Brave New Worlds**Prerequisites:**

Restricted to CAS Honors students

Credits:

4.00

Description:

Explores themes of adventure, self-discovery, exile, and culture shock in classic and contemporary travel writing (including fiction, poetry, and non-fiction) as well as film. Students will experiment with creative writing of their own, develop theories of cosmopolitan world citizenship, travel through the city of Boston on field trips, and team up to learn about different countries in Suffolk's global network of study abroad programs.

Type:

Honors

• SF-1150 Religion in Contemporary Society

Credits:

4.00

Description:

This course is design to provide students with an overview of the social settings and cultural meanings of religion in the contemporary world. Topics that will be covered in reading and discussions include the rise of religious fundamentalism, religion and violence, women's and men's religious experiences, new religions, and portrayals of religion in popular films. In addition to the readings, students will observe and experience religious expressions and activities through fieldwork assignments. The emphasis on films and fieldwork reflects my belief that religion is made up of lived experiences of actual individuals and communities. In order to understand religion in contemporary society we will make every effort to see (in person or in film) a wide range of religious activities. The films we will see include some of the following: Leap of Faith, Devil's Playground, Kadosh, Women of Hizballah, Singing Stream, A Still Small Voice.

- **SF-1151 Reproduction and Society**

Credits:

4.00

Description:

This course explores relationships between reproductive health and rights both nationally and internationally. Many of our topics fit into two broad areas: conflicts over the control of childbearing (sterilization abuse, birth control, and abortion) and conflicts over who deserves to be a mother, especially when the mothers in question face social stigma and lack political power. Other topics include safe birth and maternal mortality, breastfeeding, infertility and reproductive technology. We also examine the politics of women's sexual and reproductive autonomy, including the policies that shape women's choices to prevent, achieve, abort, or carry to term a pregnancy. Throughout, we are guided by the following questions: Why is reproduction an important site through which to understand society? How do statuses such as race, class, gender, sexuality and ability influence people's reproductive possibilities? What is the role of the state in shaping these experiences? How have communities supported or resisted efforts at reproductive control? Why is reproductive justice central to these answers?

- **SF-1152 The Idea of America: Past, Present, Future**

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an

eye to their philosophical content and sources. The course will also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. Because this course intends to apply theoretical understanding to real life, students will be expected to read contemporary journalism on a regular basis and assess the controversies of today in the light of the nation's philosophical and historical currents.

• SF-H1152 The Idea of America: Past, Present, Future

Credits:

4.00

Description:

A systematic exploration of thinking of and about America, from the founding of the republic to American issues and traditions of thought that reflect upon the founding principles and the unfolding American experiment. The Declaration of Independence and the Constitution will be studied with an eye to their philosophical content and sources. The course will also examine works of philosophers and other thinkers who address conflicts over the meaning of founding principles in the course of the nation's history, from the struggle over slavery to America's contemporary role in the world. Because this course intends to apply theoretical understanding to real life, students will be expected to read contemporary journalism on a regular basis and assess the controversies of today in the light of the nation's philosophical and historical currents.

Type:

Honors

• SF-1153 Law, Disease, and Public Health

Credits:

4.00

Description:

This course is about public health law, which is the study of the legal powers and duties of the various systems of government in the United States (federal, state, and local) in collaboration with their partners (e.g., health care, business, the community, the media, and academe), to ensure the conditions for people to be healthy (to identify, prevent, and ameliorate risks to health in the population), and of the limitations on the power of these systems of government to constrain for the common good the autonomy, privacy, liberty, proprietary, and other legally protected interests of individuals. The prime objective of public health law is to pursue the highest possible level of physical and mental health in the population, consistent with the values of social justice. The course will focus especially on public health law in the area of epidemic disease. Case studies will be made of the Great Influenza of 1918 and the origins and spread of the Ebola virus, culminating in an examination of outbreaks of Ebola in the United States.

- **SF-1154 Introduction to Visual Studies**

Credits:

4.00

Description:

This seminar provides an introduction to Visual Studies, a relatively new interdisciplinary field that examines how images communicate and the roles that they play in society. Students will apply the concepts and techniques of Visual Studies to analyze sites and signs around Boston, such as advertisements, street signs, fashions, newspaper photographs, buildings, and public spaces. Class projects will increase students' awareness of their visual environment and their ability to critically analyze the visual rhetoric that surrounds us and is often used to manipulate us.

Type:

Local Engagement Experience

- **SF-1155 The Boston Olympics**

Credits:

4.00

Description:

This class will teach students about the key role that sporting events can play in building a city, building its brand and the politics surrounding the process of these things occurring. Topics may include: urban development in general and the transformation of the industrial to the post-industrial Boston; the way in which cities use events like the Olympics to build their place brands; the way an effort like the Olympics can be used to encourage large scale public investment in longer term infrastructure projects that otherwise might not be justifiable; and the way government works with interest and community groups to try to shape public policy.

- **SF-1156 Thinking About the Insanity Defense**

Credits:

4.00

Description:

This course examines sixteen case examples providing a clear and compelling introduction to one of the most important topics in the relation between public policy and law. This course addresses: the history of the insanity defense; the effects of different standards for determining insanity; the arguments for its retention; abolition, and revision; media and other responses to it; and the controversies around pre and post conviction commitment. The case examples illustrates a variety of

outcomes and include individuals who were found not guilty by reason of insanity; found guilty even though mentally ill; and not charged because of mental illness.

- **SF-1157 Germany in Film and History, 1945-2015**

Credits:

4.00

Description:

Since 1945, Germany has had a lot of history to reckon with- and 21st century Germany history through film, newsreels and other archival footage, radio and TV shows, war memorials and museums built since 1945, novels, published diaries, and memoirs. We will also read recent historical scholarship to put these cultural texts in context. Topics include the representation, in film and other texts; of: post-war rebuilding, the German Economic Miracle; the building of the Berlin Wall; radical politics of the 1960s and 1970s; coming to terms since 1945 with Germany's Nazi past and the Holocaust; coming to terms since 1990 with the Stasi and East German past; Ostalgie (nostalgia in the 21st century for some aspects of East German socialism); the multicultural society that is Germany today, with new Turkish, Greek, Russian, Arab, and even Israeli communities.

- **SF-1158 Global Climate Change**

Credits:

4.00

Description:

Conversation about the weather is considered to be the universal icebreaker. Yesterday's sweltering heat, the storm predicted for this weekend, even long-term climate shifts find their way in our daily conversation. Today, however, such casual conversations have an edge to them, because we are realizing that humans play a role in determining the climate shift. In fact, understanding the human fingerprint in the Arctic tundra melting, or a devastating hurricane, has gone well-beyond small talk to become one of the most important challenges our society faces today, and on that is wedded to geopolitics. To meaningfully participate in any dialogue that addresses this challenge people have to be aware of certain key ideas of Physics and Planetary Science. The aim of this course is to provide you with some of the essential facts and pieces of science underlying such questions. This course will enable you to grasp many of the issues that dominate today's political discourse and to develop an informed opinion (your, not our!) for which you can rationally argue.

- **SF-1160 Individuals and Society in the Zombie Apocalypse**

Prerequisites:

CAS Freshmen Only

Credits:

4.00

Description:

The Walking Dead tells viewers that life in the zombie apocalypse requires people to fight the dead, fear the living. Sociologists want to know why we should fear the living. How do individuals come together and try to recreate society for themselves: either to build community or fight other groups? What role do morals and values have in a society? How does all of this determine life, death, and the struggles people must face? Questions like these will give our class a new view of The Walking Dead and can help us to learn more about the society that we live in where so far the dead have remained in the ground.

• SF-H1161 The Playwright and the Stage**Prerequisites:**

CAS Honors students only

Credits:

4.00

Description:

This writing and script analysis intensive course will explore plays across a range periods and styles. The scripts of five plays will be studied and we will attend performances of two of those works at professional theatres in Boston. Other activities will range from a backstage tour to conversations with theatre professionals such as producers, directors, actors, designers, playwrights and critics, in order to lift the script off the page and provide a living experience of theatre. Requires students to be available for evening (usually Wednesday) performances. A fee for tickets at student rates will be assessed.

Type:

Honors

• SF-1162 Space Missions: From Moon to Mars and Beyond**Credits:**

4.00

Description:

It is hard to believe that only 60 years ago, our only close-up view of a planetary body was that of Earth. We are truly living in the Golden Age of Space Exploration, when a new mission every few years brings us spectacular images from either a neighbor in the solar system or galaxies at the edge

of the universe. This course will describe the dozen space missions that changed our view of the universe, ranging from our solar system to the most distant galaxies.

- **SF-1163 Spellbound! Witches, Wizards and Spirits In American Literature**

Credits:

4.00

- **SF-1164 Reinventing Europe: Beyond Brexit and Secular Stagnation**

Credits:

4.00

Description:

While newspaper headlines focus on the multiple problems Europe is facing today, the evolving adaptation of European nation states and the integration process receive less attention. Brexit and economic crises seem to be synonymous of Europe today, but facts such as the European Union accepting five new members in the coming five years or Europe being the most advanced environmental actor or the main international provider of official aid are often ignored by public opinion. This Seminar for Freshman examines the dynamic evolution of the integration process in Europe in the context of globalization. Three sections articulate the main debates and tensions in the interplay between national and supranational institutions and policies. The first part analyzes how eight European countries have forged their national preferences to delineate their level of immersion in the integration process; it later proceeds with the examination of the main historical events in the history of the integration process. The second part explores the functioning of the EU institutions in order to grasp the essence of the complex policy-making in the Europe of 28 members. The third and final section presents the analysis of the main areas of the EU policy making such as agriculture, monetary and economic issues, among others, and observes the main developments in the area of EU external relations.

- **SF-1165 History of Boston**

Credits:

4.00

- **SF-1166 Cinema-Monde: Global Challenges on Film**

Credits:

4.00

Description:

This course focuses on French-language films - with subtitles! - that address pressing social issues of the 20th and 21st centuries, such as hunger, female genital mutilation, immigration, racism, economic inequality, genocide, gender, sexuality, colonialism and post-colonialism.

- **SF-1167 Fantasy Fiction: Imaginary Worlds**

Credits:

4.00

- **SF-1168 The Real Thing: the Pursuit and Problems Of Authenticity**

Credits:

4.00

Description:

This course will focus on the concept of authenticity in American culture, from its origins in the early 19th century to the present. When the advertising gurus of Coca-Cola branded it as The Real Thing," they were exploiting something powerful: the idea of something real, stripped of any falsity or illusion. Humans have always desired to know the world and others as they really are," but this desire is particularly strong in the modern world: witness the eagerness to discover one's true self," cut through the B.S., obtain the genuine article, and live authentically. In this course we will interrogate this pursuit of the Real Thing. In various ways, the texts we study both embrace authenticity as an ideal and also question its goodness, usefulness, or even its very possibility. We will thus confront a number of interrelated questions: Where does this desire for authenticity come from? What counts as authenticity," in life and in art? Is authenticity really a virtue to live by? How does it shape artistic and literary expression? Is there even such a thing as the real you This course will be divided into three units. In the first unit, Counterfeiters and Self-Made Men," we will study how a commitment to authenticity arises in antebellum American literature and culture during a time of rapid national expansion and invention. Readings will include texts by Henry David Thoreau, Ralph Waldo Emerson, Herman Melville, and P.T. Barnum. In the second unit, Authenticity and Contamination,"we will consider two major ways in which authenticity becomes idealized around the turn of the 20th century: as artistic ideal set against fears of mass cultural production, and as a cultural ideal set against fears of racial and cultural mixing. Readings will include texts by Ernest Hemingway, Nella Larsen, Jean Toomer, and William Carlos Williams. In Unit Three, Buying and Selling Authenticity," we will examine how authenticity becomes commodified (

- **SF-1169 Immortality: Real and Imagined**

Credits:

4.00

Description:

Most of the world's religious traditions have as a part of their doctrines some notion of immortality, rendered both in scriptures as well as iconographically. What precisely is entailed by immortality and why does it constitute such a significant element of so many religious traditions? What can we learn about immortality by investigating various conceptions of the afterlife? Is immortality truly a desirable thing? These questions among others will be examined from the perspectives of philosophy, religion, psychology, anthropology, and biology. Besides being cross-disciplinary, the course will be multi-media in nature. In addition to reading philosophical and religious texts concerning the nature of immortality, students will study various accounts of immortality and the afterlife, examine how the afterlife has been dealt with in (visual) art, literature, and film, and investigate current research into life prolongation (biomedical gerontology).

• SF-1170 From Philia to Facebook: the Meaning of Friendship

Credits:

4.00

Description:

The thematic focus of this seminar will be friendship. Friendship is one of the most important of human relationships; one that every student in this seminar has already participated in for many years. It shapes who we are and helps determine who we may become. And while it is a universal phenomenon, it has been practiced quite differently at various times and places in human history. And while we all have an intimate, personal and practical knowledge of friendship through our own experiences, sometimes things that are so close and so obvious to us can be hard to see. Over the course of the semester we will inquire into friendship from many different angles, trying to gain both a broader and a deeper understanding than our own individual experience allows. We will look at friendship first through the lens of philosophy, particularly through the foundational text of Aristotle, *The Nicomachean Ethics*. We will look at other views of friendship from the ancient world, starting in the past to help us see that friendship has not always been thought of the way we think of it now. After this initial foundation is laid, we will examine other writers and thinkers and take up additional topics like friendship in different cultures, friendship and gender, friendship in and through the arts and include an examination of friendship through the lenses of many different academic disciplines to see how other systematic thinkers conceive of friendship. All along we will be comparing and contrasting with our own personal experiences and considering what modern technology, such as social networking sites, has done to influence friendship, in the way we practice it and the way we conceive it. It is the aim of this class that students not just study different academic points of view, but that they take up the questions and challenges that these thinkers present to them and fully engage with them on a meaningful personal level.

• SF-1171 Living on and Beyond the Hyphen/Latino Writers in the USA

Credits:

4.00

Description:

Hyphenated-Americans of Latino origin come from many places and backgrounds. Often perceived as a divide, an either/or that separates and distinguishes one ethnic group from another, the hyphen can also be viewed as a link that connects, integrates and facilitates the formation of new cultural spaces. Through films and written narratives by and about U.S.A. Latino(a)(x)-Americans, students will examine how individuals who live on the threshold between two languages and cultures embrace the challenge of preserving their own identity and moving beyond stereotypes. Each of the Latino/a/x authors that we will read in this course will describe his/her own experiences living in the U.S.A. By examining their views through our own filtered lens we shall try to answer questions like the following: 1. What role does language have in our definition/understanding of cultural identity? 2. How do individuals move beyond the hyphen and stop seeing themselves as hybrids? 3. How can an individual who does not belong to a marginalized group (i.e. one considered less powerful and secondary) understand and empathize with those who do? 4. How does globalization affect the dichotomies that arise in bi-cultural and multi-cultural communities?

- **SF-1172 The United States Mexican Border**

Credits:

4.00

Description:

One hundred and sixty nine years have passed since the Treaty of Guadalupe Hidalgo was signed. It is only fitting to analyze the profound changes that the gain/loss of these territories caused for the citizens of both sides of the border. This course will explore the literature, culture, and history of the United States-Mexican Border and the most pressing problems pertaining to the region. Emphasis will be on contemporary border theater and film. The works of Salcedo, Galindo, Lopez and others will be studied as well as contemporary films and documentaries such as *Alambrista*, *Senorita Extraviada*, *The Gatekeeper*, *Sin Nombre*, *Wetback: the Undocumented Documentary*, *Victoria para Chino*, *Which Way Home*, and much more. There are no prerequisites for this course. Though the course is conducted in English, parallel readings in Spanish will be made available to those who wish to read and/or compare the original texts.

- **SOC-113 Introduction to Sociology**

Credits:

4.00

Description:

An introduction to the sociological understanding of human interaction, group process and social structures. Students are introduced to basic concepts, theories and methods of sociological investigation. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-116 Social Justice**

Credits:

4.00

Description:

An examination of traditional and contemporary problems associated with major social institutions such as the family, economics, government and education. Social forces related to ethnicity, social class, health and welfare, and urbanization are also included. Alternative remedial measures based on behavioral science theories are discussed. Majors and minors must pass with a grade of C or better.

Term:

Offered Both Fall and Spring

Type:

Human Behavior & Societies

- **SOC-209 Youth in American Society**

Credits:

4.00

Description:

The goal of the course is to provide a broad overview of children and youth and their place in American society. Particular attention is paid to (1) the impact of geographical location, social class, gender, race, sexuality, popular culture, mass media, and technology; (2) the intersection of youth cultures and mainstream society; and (3) the contention that some youth cultures are deviant.

- **SOC-210 Juvenile Justice and the Law**

Credits:

4.00

Description:

Considers the problems surrounding the legal definition and handling of juveniles who confront the law as offenders, clients and victims. Attention is devoted to the study of the special legal categories and procedures established for juveniles, the problems facing professionals providing juvenile services and the most significant directions of legal and social change affecting youth in our society. Normally offered every year. Fulfills the Sociology Department's Social Policy requirement.

• SOC-211 Corrections and Punishment

Prerequisites:

Take SOC-234 or SOC-333;

Credits:

4.00

Description:

A sociological exploration of coercive and incapacitative responses to crime. Attention is given to the origins and patterning of segregative controls, the correctional claims of prison systems, alternatives to incarceration and relationships between types of crime, and criminals and varieties of punitive response.

Term:

Occasional

• SOC-212 Statistics for Sociology

Prerequisites:

SOC-113 OR SOC-116 and MATH-128 or higher

Credits:

4.00

Description:

In this course, students will be introduced to descriptive and basic inferential statistical techniques. The course will provide information on the following topics: Description - measures of central tendency (mean, median, mode) and measures of dispersion (range, standard deviation); logic of statistical inference, including normal curve and sampling distribution; hypothesis testing with one sample and two samples; measures of association between two variables (bivariate analysis), including chi-square, regression, and correlation; and introduction to multivariate regression. Students will utilize SPSS (Statistical Package for the Social Sciences) software to input and analyze data. The goals of the course are for students to appreciate the need for statistical methods in the broad field of sociology and to gain basic statistical literacy.

Term:

Offered Both Fall and Spring

Type:

Quantitative Analysis

• SOC-214 Research Methods in Sociology**Prerequisites:**

SOC 113 or 116 with C or better & one other SOC course. Cannot be taken concurrently with SOC 310,315,or 333.

Credits:

4.00

Description:

How sociologists decide what to study, how they select a research design, sample and collect data, analyze results, interpret findings, and write up reports. Students are introduced to the techniques most frequently used by sociologists and undertake their own small research project. Required for all Sociology majors.

Term:

Offered Both Fall and Spring

• SOC-217 Sociology of Urban Life**Prerequisites:**

Fulfills ECR requirement

Credits:

4.00

Description:

An examination of the effects of the city on human life in its broadest as well as its most specific aspects. Greater Boston and similar communities across the nation will be studied as ecological settings, as producers and shapers of change, and as special contexts for understanding sociological ideas. Comparisons will be made among urban places in the U.S. and in other countries.

Term:

Occasional

- **SOC-220 Childhood and Adolescence in Contemporary Society**

Credits:

4.00

Description:

This course examines the development of children and adolescents from biological, psychological, and sociological perspectives. Major themes and changes associated with each developmental stage are discussed. The course explores practical implications of theory and research (parenting, juvenile justice, etc.), and current topics in child and adolescent development. Class format includes lectures discussion, debates and direct observation of children.

Term:

Occasional

- **SOC-221 Environment and Society**

Credits:

4.00

Description:

The history of the American Environmental Movement and eco-feminism will be examined as well as issues of pollution and depletion. Sustainable technologies and other current progressive programs will be addressed.

- **SOC-222 Women in Struggle on Film**

Credits:

4.00

Description:

Women's struggles in arenas from war to labor disputes will be examined through films and writings. Societal, historical and cultural contexts of women's roles in films are discussed drawing on film criticism and sociological analyses.

Term:

Occasional

- **SOC-223 Families in Contemporary Society**

Credits:

4.00

Description:

An exploration of the diversity of contemporary families. Comparisons are made between the cultural myths of the ideal family and the lived realities. Challenges confronting contemporary families and their implications for social policy are examined in such areas as work/family conflicts, gay and lesbian families, welfare, family violence.

Term:

Occasional

- **SOC-224 Families in Contemporary Society (Spain)**

Credits:

4.00

Description:

Spain has experienced major socio-demographic changes since the mid 1970s. These transformations mainly arise from the new role of women in society and, in particular, women's higher levels of education, work experience, and labor market attachment. The changes in women's labor force participation have occurred in conjunction with a progressive postponement of main family events, such as leaving the parental home, forming a partnership and having children, as well as with a reduction in the family size. Spain is, indeed, characterized as having one of the lowest low fertility levels within Western industrialized countries, a pattern that is exacerbating the ongoing process of population aging. This picture partly reflects the conflicting relationship that currently exists between women's labor force participation and the accommodation of family responsibilities: the so-called work/family balance. Ongoing differences among countries have been accounted for by different explanatory factors that involve socio-economic, cultural and social policy dimensions. From a comparative perspective, the course is intended to cover recent debates, controversies, and research on family formation and family dilemmas in contemporary Spain.

Type:

Human Behavior & Societies

- **SOC-225 Sociology of Romance**

Credits:

4.00

Description:

The meaning of romance and courtship today and its social consequences in marriage, homogamy, stratification and divorce. The historical origins of romanticism and the sources of romance in socialization, books and magazines, television and movies, popular music and peer group membership are also considered.

Term:

Occasional

• SOC-226 Religion in Contemporary Society**Prerequisites:**

This course fulfills the ECR requirement.

Credits:

4.00

Description:

An examination of the fundamental purpose and functions of religion in society. Major religious systems in America are analyzed in terms of basic values and structure. The impact of changes in religious organizations upon clergy, laity and society are discussed. This class fulfills the ECR requirement.

Term:

Occasional

• SOC-227 Race in American Society**Credits:**

4.00

Description:

Despite the election of Barack Obama as President of the United States, race remains one of the most divisive forces in U.S. society. While many of us struggle against racism, racial classification continues to affect where we live, where we work, and how we see ourselves. Racial classification affects our access to health care and our encounters with police officers. Distorted images of racial groups fill television and movie screens. Appeals to racism and fear of foreigners are dominant themes in elections to state and national offices. This course examines the formation and re-formation of racial classifications: how particular groups become racially identified, how these classifications change over time, and how conflicts over race have shaped American society. The meanings of race, as seen from a variety of perspectives, will be a consistent theme throughout the course.

Term:

Occasional

- **SOC-228 Cultural, Global and Social Perspectives**

Credits:

4.00

Description:

Enables students to examine, as well as develop an awareness and appreciation of, diversity within today's society. Providing an overview of the major racial, ethnic, and cultural groups in the U.S., the focus is on the ways in which cultural awareness enhances professional helping relationships and improves the operation of human services systems.

Term:

Occasional

- **SOC-229 Social Class and Inequality**

Credits:

4.00

Description:

This course examines the difference between the life experience of those who are rich, poor and middle class. Topics include: the elite in Boston, theories of inequality; blue collar neighborhoods, the hard living poor, and ethnic and sexual stratification.

Term:

Occasional

- **SOC-230 Bad Girls**

Credits:

4.00

Description:

This class explores the images of the traditional bad girl in films. The course examines the idea of moving beyond merely the delinquent, many images in film suggest that girls and women who break with the socially condoned role of femininity are somehow bad. Girls and women who have power or

challenge authority are often portrayed in films as deviant and therefore bad. Girls and women who are frigid are just as bad as their sexually promiscuous silver-screen opposites. This course further focuses on the impact of these images on real life social roles for girls and women as well as the symbiotic relationship between fact and fiction.

Term:

Occasional

- **SOC-232 Street Gangs**

Credits:

4.00

Description:

This course provides an overview of youth gangs and their sociological underpinnings, which are rooted in poverty and racism. Topical areas are discussed in relation to these key factors. Study topics include the history of gangs, theories about gang formation and individual membership, gangs and criminal behavior, socio-cultural importance of gangs, and strategies to control gang behavior. The course will utilize current gang issues in the US generally and in Massachusetts in particular as a basis to better understand the nuances of youth gangs.

- **SOC-234 Crime and Justice in American Society**

Credits:

4.00

Description:

An overview of issues and social variables involved in the pre-arrest and arrest stages followed by a more in-depth analysis of pre-trial, trial, sentencing, and correctional phases. Sociological and criminal justice models are examined and compared with the actual processes and purported functions of criminal justice agencies. Required for all majors in the Crime and Justice Concentration.

Term:

Offered Both Fall and Spring

- **SOC-236 Deviance and Social Control**

Credits:

4.00

Description:

Who and what is deviant? How shall the society respond? The course examines a range of deviance theories and associated social policies. A number of case studies will be used to evaluate these theories, such as body piercing, witchcraft, gay and lesbian sexuality, corporate crime, disability, prostitution, violence against women, racism, anti-Semitism, and gangs.

Term:

Offered Both Fall and Spring

- **SOC-237 School to Prison Pipeline**

Credits:

4.00

Description:

This course will examine the mechanisms through which U.S. social institutions, particularly schools, facilitate youth involvement in the juvenile and criminal justice systems. These mechanisms include: inequity, disability tracking, zero-tolerance policies, push-out, and the criminalization of adolescent behavior. Students will engage in activities aimed at analyzing these processes and developing methods to disrupt them at the social, political, educational, and instructional levels.

- **SOC-238 Cops & Robbers: Crime on Film**

Credits:

4.00

Description:

An examination of images of crime and justice portrayed in the American cinema. Special attention is paid to the social and historical forces that have shaped popular representations of good and evil during the modern era.

Term:

Occasional

- **SOC-239 Men and Violence**

Credits:

4.00

Description:

An exploration of the nature of masculinity and its connection to interpersonal and collective violence in American society. The course focuses on the emotional, spiritual, social and cultural roots of the crisis of boyhood and masculinity as a context for and consequence of violence.

Term:

Occasional

- **SOC-242 Law, Health & Human Rights**

Credits:

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

Term:

Occasional

- **SOC-253 Sociology of Health and Illness**

Credits:

4.00

Description:

This course provides students with an introduction to how social norms, structures, and practices shape experiences of illness and health. Among the topics that will be covered are: health and the environment, the reasons some groups of people are less healthy than others, living with chronic illness and disabilities, and public debates surrounding issues such as performance enhancing drugs and sports, Attention Deficit Disorder and the HPV vaccine. Required for all students in the health, Medicine and the Body Concentration.

Term:

Occasional

- **SOC-254 SL-U.S. Health Care Landscapes**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

In this course students meet community needs by engaging in service-learning outside the classroom. In this course, students will learn about how the U.S. health care system works. We will study the politics and economics of the health care system and discuss the key health care policy issues of this decade. Using the theoretical perspectives provided by sociology, we will look at issues of power, hierarchy, race, and gender vis-a-vis the health care system. Reading for this course centers on first person narratives by people working in the health care system. This course fulfills the ECR requirement.

Term:

Occasional

Type:

Service Learning

- **SOC-256 Sociology of Aging**

Credits:

4.00

Description:

Consideration of the physiological, psychological and social factors associated with the aging process. Contemporary American values toward the elderly are compared and contrasted with historical and cross-cultural studies. Current opportunities and techniques enabling the elderly to enrich and expand their societal roles are explored.

Term:

Occasional

- **SOC-273 Women in Contemporary Society**

Credits:

4.00

Description:

A critical analysis of theory and research related to the socialization, roles and social participation of women in contemporary society.

Term:

Occasional

- **SOC-275 Women and Crime**

Credits:

4.00

Description:

This course examines the complex relationships between women and crime today. This focus will include women as criminal offenders; women as victims of crime; and women as both offenders and victims. Course materials draw from recent feminist scholarship on these issues in the social sciences. Topics include the causes of women's crime women, drugs, and crime; child abuse and trauma; prostitution and sex trafficking; race, gender and victimization; and feminist social movements against violence. Crimes of violence against women are a central focus in the course.

Term:

Occasional

- **SOC-276 Sex and Society**

Credits:

4.00

Description:

An examination of human sexuality as experience and institution. Sexuality is considered in relationship to power, love, religion, family, race, gender, sexual orientation, violence and courtship.

Term:

Occasional

- **SOC-301 Sociology of Law**

Credits:

4.00

Description:

Law and legal systems are examined in contemporary society. Emphasis is placed on the manner in which legal structures and processes interact with other social arrangements and are transformed over time.

- **SOC-303 How Pocahontas Lives: the Health of Native American Women and Girls**

Credits:

4.00

Description:

Native American women and girls experience many threats to their well-being: polluted environments, violence, and the continuation of colonial practices mean that their lives are at risk. Dominant political, economic, and cultural norms do little to protect them. Yet Native American women and girls can and do assert their right to well-being as they choose to define it, achieving health and self-determination. This class will examine the indigenous women and girls of the United States, to consider the continued impact of colonialism on women's health and the role of self determination in creating opportunities for the improvement of Native American women's health.

- **SOC-305 Crime and Mental Illness In Contemporary US**

Credits:

4.00

Description:

Incarcerated and criminalized Americans suffer from extraordinarily high rates of physical and mental illnesses ranging from Hepatitis C, tuberculosis and HIV/AIDS to bipolar disorder, PTSD, substance abuse, and schizophrenia. This course explores connections between illness and involvement with the correctional system from the perspective of the individual offender as well as in terms of broader American cultural and political patterns.

- **SOC-306 Population and Society**

Credits:

4.00

Description:

An introduction to demography or the study of population and its size, structure, and the ways it changes over time. Demographers study love, death and adventures, or the different patterns of fertility, mortality, and migration across the globe. The social causes and consequences of high mortality and fertility in sub-Saharan Africa, rapid fertility decline in China, and low fertility and mortality

in western Europe are examined. Demographic approaches to social problems like world famine, teen pregnancy, HIV/AIDS pandemic, and social security system budget deficits are also considered.

- **SOC-308 Sociology of Education**

Credits:

4.00

Description:

Education is key in a democracy in which students need to develop themselves into knowledgeable people, with a strong sense of self, able to think critically with a developed ability to question others and to feel and act as empowered, active citizens. This is a tall order given the varieties of pressures on schools these days. But it is extremely important for these skills to be developed. With the shift in the economy, schools are going to be the critical factor in enabling students to compete in a globalized workplace and world.

- **SOC-312 Sex Offenders**

Credits:

4.00

Description:

This course presents an overview of the policy issues related to sex offenders. Focusing on the current scholastic research on sex offenders, students will discuss myths about sexual offenders as well as the consequences of myths on policy. The course will additionally cover the history of sex offender policies and moral panics, explanations, treatment and prevention of sex offending and victimization.

- **SOC-315 Social Conflict and Social Change**

Prerequisites:

SOC 113 or 116 with a grade of C or better and one other SOC course; CANNOT be taken concurrently with SOC 214;

Credits:

4.00

Description:

An examination and comparison of the origin, development and structure of the major theoretical approaches in contemporary sociology. Contributions of different branches of sociology to theory are explored with special attention to the relevance of sociological explanations for society and the social

process. Students must have taken SOC 113 or SOC 116 and passed with a C or better and one other course from the sociology department. Normally offered every semester.

Term:

Occasional

- **SOC-321 Identity, Self and Society**

Credits:

4.00

Description:

This course explores the emergence of the self as an intersection of biography, history and social structure. Emphasis is on modern , Western societies. Conceptually, we will take a life course approach which emphasizes processes of psychosocial, moral, intellectual, and spiritual development for contemporary men and women. This course is designed in part as a workshop where students will develop the skills and insights essential for conducting life history research and biographical studies that are sociological in focus.

Term:

Occasional

- **SOC-322 Tough Guise**

Credits:

4.00

Description:

Representations of masculinity in contemporary societies are examined in terms of their social sources and consequences. Images and scripts for doing masculinity are explored through case studies of film, television, sports, advertising, comic books, video games, music and other media that define what it means to be a man.

Term:

Occasional

- **SOC-325 Popular Culture in America**

Prerequisites:

Prerequisite: SOC 113 or SOC 116.

Credits:

4.00

Description:

An investigation of the images of life provided by mass communications, the educational system and official culture. Topics include: the growth of the youth culture since the 1950s; images of working people; women, minorities and advertising; changing ideas of success; consciousness-raising and contra-cultures.

Term:

Occasional

• SOC-327 Special Topics: General Sociology**Credits:**

4.00

Description:

A course with special interest topics in sociology which changes depending on the professor.

Term:

Occasional

• SOC-329 Sociology of Globalization**Prerequisites:**

Prerequisite: SOC 113 or SOC 116.

Credits:

4.00

Description:

Globalization is shrinking the world. How and why did this happen? This course will explore global change and the global processes which effect key social institutions: culture, the economy and politics. Students will study the processes of globalization and its impact on our lives and people around the globe.

Term:

Occasional

- **SOC-330 Race and Human Rights**

Prerequisites:

Prerequisite: SOC 113 or SOC 116

Credits:

4.00

Description:

What are the roles of race and ethnicity from a global perspective? A global racial hierarchy determines who experiences privilege or oppression. Students will examine how the meanings of race and ethnicity can vary by location and how they matter globally.

Term:

Occasional

- **SOC-331 Violence Against Women**

Credits:

4.00

Description:

This course focuses on the many forms of violence against women, with particular attention to child sexual abuse, rape, and violence and abuse in intimate relationships. These crimes have been the subject of intense political organizing, cultural controversy, and criminal-legal reform over the past 40 years. Together these issues account for a significant portion of the work of the police and the courts. They are also major issues in women's health over the life span. This course will address these issues from psychological, sociological, political, and criminal-legal perspectives.

- **SOC-332 Restorative Justice**

Credits:

4.00

Description:

The purpose of this course is to introduce students to the principles of restorative justice and to examine the programs, practices and policies within schools, juvenile justice and the adult criminal justice system which implement a restorative practices. Restorative justice is a different philosophy of responding to harm which provides new roles for the victim, offender, community and professionals . We will compare a restorative approach to crime with the traditional system of discipline and crime

control and critique the shortcomings of an adversarial or retributive response to criminal behavior. We will explore the theoretical and historical origins of traditional justice systems and restorative approaches. We will also examine how these ideas are being applied in practical partnerships between the justice system and the community here in the United States and around the world.

• SOC-333 Sociology of Crime

Prerequisites:

SOC-113 or SOC-116 with a minimum grade of C and 1 additional SOC course. Cannot be taken concurrently with SOC-214

Credits:

4.00

Description:

The question Why is there crime? lies at the heart of this course. This class will address what we mean by crime, who gets to define what crime is, how crime can be explained and how it can be reduced. Making sense of crime is essential if we are to respond effectively to victims and offenders. This course offers an in-depth examination of the many different theories of crime. These include biological, psychological, and sociological theories of victimization and offending. The course will study these theories in the context of many different kinds of criminal offending. By the end of the course, students will have a deep understanding of where these theories came from; what their strengths and weaknesses are; whether they are supported by research findings; and what implications these theories have for stopping crime.

• SOC-334 Sociology of Policing

Prerequisites:

SOC 333 or SOC 234

Credits:

4.00

Description:

An investigation of the emergence, organization, and structure of police systems. The course focuses on the conditions surrounding the relationship between the police and policed in different historical, cultural, political, and economic contexts.

Term:

Occasional

- **SOC-336 Probation and Parole**

Prerequisites:

SOC-234 or SOC-333;

Credits:

4.00

Description:

Correctional theories are reviewed along with the historical development of probation and parole. Current research and analytical perspectives reflecting on administrative problems, innovative policies and the internal philosophical inconsistencies of these systems are examined.

- **SOC-337 Juvenile Justice and the Law**

Credits:

4.00

Description:

Considers the problems surrounding the legal definition and handling of juveniles who confront the law as offenders, clients and victims. Attention is devoted to the study of the special legal categories and procedures established for juveniles, the problems facing professionals providing juvenile services and the most significant directions of legal and social change affecting youth in our society. Normally offered every year. Fulfills the Sociology Department's Social Policy requirement.

- **SOC-338 White Collar Crime**

Credits:

4.00

Description:

An examination of the relationship between crime, business activity, and technology with special attention to the crimes of the powerful and the changing relationship between economic development and criminal activity.

Term:

Occasional

- **SOC-340 Licit/Lethal: America's Drug Problem**

Credits:

4.00

Description:

Most Americans think of prohibited substances such as marijuana, cocaine or heroin when they hear the word drug. This course will provide an in-depth examination of legal drug use in American society. A broad conceptual framework will be presented that illustrates how history, politics, society and economics all have played a key role in defining certain substances as permissible in America. Fulfills the Sociology Department Social Policy and Globalization requirements.

Term:

Offered Fall Term

• SOC-341 International Drug Control Policy**Credits:**

4.00

Description:

Relying on a simplistic demand or supply explanation of why Americans use/abuse drugs obscures the reality of America's drug problem, is ineffective as a guide to public policy and has unforeseen, often negative consequences. Drug use is a complex and multi-faceted issue. There are no easy answers. To comprehend the complexity of America's drug problem one needs an understanding of the geography, history, religion, law, economics and international politics of the Middle and Far East, Eastern Europe, Africa, Mexico, and Central and South America. This class will provide this basic understanding without losing sight that the problem we seek to remedy is our own.

Term:

Offered Spring Term

• SOC-342 Law, Health & Human Rights**Credits:**

4.00

Description:

This course will look at the special opportunities and obligations of those in the health and legal professions to protect human rights. There will be an overview of human rights doctrine and key documents. Students will learn to apply human rights principles to particular occupations in the health and legal professions.

- **SOC-343 Child Welfare Services**

Credits:

4.00

Description:

A survey of the historical development and current composition of services for children, including income maintenance, daycare, foster and institutional care and the adoption process.

Term:

Occasional

- **SOC-344 Community Organization**

Credits:

4.00

Description:

A study of the different types and functions of communities. Through identifying community needs, resources, and structure, students learn effective ways to organize for change.

- **SOC-347 Immigration Law and Policy**

Prerequisites:

Prerequisite: SOC 113 or SOC 116 OR Instructor's consent

Credits:

4.00

Description:

This course examines U.S. Immigration legislation and policies, focusing on how and why various immigration laws and policies have been established and implemented throughout history. We will address the intersection between immigration policy and race, ethnicity, nationality and socioeconomic status, as well as explore the effects that immigration laws have had on various immigrant groups and society in general.

Term:

Occasional

- **SOC-354 Death and Dying**

Credits:

4.00

Description:

An examination of changing definitions of life and death, social factors affecting causes and rates of death, care of the dying and their families, institutionalization, the funeral industry, suicide, crisis intervention, and the impact of technology on the dying process.

Term:

Occasional

- **SOC-355 Women and Health**

Credits:

4.00

Description:

An exploration of topics that relate particularly to women as providers and consumers in the health care system. The course will consider historical and current information on issues of reproduction, technology, health and illness.

Term:

Occasional

- **SOC-357 Global Health and Healing**

Credits:

4.00

Description:

An examination of how different cultures understand health and illness. Healing approaches from Asia, Africa and the Americas will be explored.

Term:

Occasional

- **SOC-379 Anthropological Perspectives in Spain**

Credits:

4.00

Description:

The recent changes in both Spain and Portugal are only the latest in a series of important transformations which these two countries have undergone over the past fifty years or so. In that time, they have both gone from being predominantly rural societies where the majority of the population live and work on the land to becoming industrial societies not unlike those of northern Europe and North America. Yet the underlying cultural heterogeneity of the peoples of the Iberian Peninsula has meant that different regions have often had very distinct actions to the various pressures toward political, economic, and social change. This seminar will examine the ethnographic diversity of the Iberian Peninsula in its regional manifestations, using a specifically anthropological approach in order to better comprehend present-day Spain and Portugal. Offered on Madrid Campus only. 1 term - 4 credits

Type:

Global Engagement Experience

- **SOC-390 The Prison Experience, Literature and Film**

Credits:

4.00

Description:

An examination of prison writings, films, and the actual experience of prison life from literary and sociological perspectives. Students will have an opportunity to examine their own perspectives of the prison as a symbol and shadow in American Society and compare these impressions with the actual experience of inmates, correctional officers and others who have lived in the prison nation.

Term:

Occasional

- **SOC-406 The Immigrant Experience**

Prerequisites:

SOC-113 or SOC-116 and 4 credits of a SOC course at the 200 level or above

Credits:

4.00

Description:

The United States of America: A land of immigrants; The Great Melting Pot. This country has indeed attracted immigrants from all over the world. However, not all have been welcomed or treated equally. This course will investigate the reasons various immigrant groups (past and present) have come to the United States. We will also examine their experiences and the impact race, ethnicity, gender, class and social structures have had on them. During Spring Break the class will visit Ellis Island and the Tenement Museum in New York and the Lowell National Historical Park in Lowell. The class will also visit various sites in Boston throughout the semester.

Type:

Local Engagement Experience

• SOC-433 Senior Seminar

Prerequisites:

SOC 113 or 116 (with a grade of C or better) SOC 214, and SOC 315 or 333. Seniors only. Required of all majors.

Credits:

4.00

Description:

This course explores contemporary topics in crime and justice, interrelating empirical and theoretical analyses. Topical areas vary by semester and by instructor. Students engage in a substantial research project to demonstrate mastery. Required for all students in the Crime and Justice Concentration.

• SOC-483 Internship in Sociology I

Prerequisites:

Students must be Sociology majors with at least a 3.0 GPA; must have at least sophomore status at the time of application; must have one full day free each week to work an internship. Applications for the Internship in Sociology I course must be approved by the Instructor.

Credits:

4.00

Description:

Students are provided with the opportunity to apply academic learning in a supervised internship consistent with their personal career goals or academic interest. The course covers such topics as career exploration and development, resume and cover letter writing, job fairs, and networking, and graduate school applications. In addition to the course assignments, students are required to complete a minimum full day internship each per week during the entire semester.

Term:

Offered Both Fall and Spring

• SOC-484 Internship in Sociology II**Prerequisites:**

SOC 483. Students must be Sociology majors with at least a 3.0 GPA; must have at least sophomore status at the time of application; must have one full day free each week to work an internship. Applications for the Internship in Sociology I course must be approved by the Instructor.

Credits:

4.00

Description:

Students are provided an opportunity to intensify or extend their internship experience. The course covers such topics as mock interviewing, informational interviewing, and job fairs.

Term:

Offered Both Fall and Spring

• SOC-510 Independent Study**Credits:**

4.00

Description:

Members of the department hold special meetings with students and direct them in investigating topics of interest in sociology. Arrangements for independent study must be approved by the supervising instructor and the Department Chairperson.

Term:

Offered Both Fall and Spring

• SPAN-101 Elementary Spanish I**Credits:**

4.00

Description:

Practice in both oral and written language skills. Class activities are organized around cultural themes that reflect the diversity of the Hispanic world and its interconnectedness with the rest of the world. Weekly laboratory sessions required.

Term:

Offered Fall Term

• SPAN-102 Elementary Spanish II

Prerequisites:

SPAN 101 or Instructor's consent

Credits:

4.00

Description:

Continues skills development from 101. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

Modern Language

• SPAN-201 Intermediate Spanish I

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

Reviews Spanish grammar and examines Spanish through authentic materials of cultural interest. Students develop written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

Modern Language

- **SPAN-202 Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

Continues skills development from 201. Students read a collection of short stories, write compositions, develop cultural insights through comparative and contrastive assignments, and practice listening and speaking skills in weekly conversation sessions.

Term:

Offered Spring Term

Type:

Modern Language

- **SPAN-H202 Honors Intermediate Spanish II**

Prerequisites:

SPAN 201 or Instructor's consent.

Credits:

4.00

Description:

A continuation of skills development from 201. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

Honors

- **SPAN-203 Intensive Intermediate Spanish**

Prerequisites:

SPAN 201 or or Instructor's consent

Credits:

4.00

Description:

A writing and reading intensive course for students who are thinking about minoring and possibly majoring in Spanish. There will be a brief review of grammar, but the primary materials will come from the textbook, LAZOS, with ancillary materials from the print media and audio-visual sources. A weekly tertulia will be required instead of language lab.

Term:

Alternates Fall & Spring

- **SPAN-205 Intensive Intermediate Spanish**

Prerequisites:

SPAN 201 or or Instructor's consent

Credits:

4.00

Description:

A writing and reading intensive course for students who are thinking about minoring and possibly majoring in Spanish. There will be a brief review of grammar, but the primary materials will come from the textbook, LAZOS, with ancillary materials from the print media and audio-visual sources. A weekly tertulia will be required instead of language lab.

Term:

Alternates Fall & Spring

- **SPAN-210 Spanish in the Workplace**

Credits:

4.00

Description:

This course is designed for students who have successfully completed Spanish (201) at Suffolk or its equivalent elsewhere. Through a systematic review of grammar, a diversity of readings, and oral as well as written work, students will increase their lexical and grammatical knowledge of Spanish language specific to the workplace in order to communicate more easily and comfortably. Students will also be better prepared to deal with the specific themes related to business introduced in the course. (This course is not for Spanish minors or majors, but may be taken as a free elective.)

• SPAN-290 Advanced Composition & Conversation

Prerequisites:

Prerequisite: Spanish 202, 203 or 250 or Instructor's consent

Credits:

4.00

Description:

Develops written and oral skills in various contexts and registers. Emphasis on strengthening written skills and learning to speak clearly and persuasively in Spanish. Short texts and audio-visual materials provide the basis for classroom activities which include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

Modern Language

• SPAN-295 Spanish in the Workplace

Credits:

4.00

Description:

This course is designed for students who have successfully completed Spanish (201) at Suffolk or its equivalent elsewhere. Through a systematic review of grammar, a diversity of readings, and oral as well as written work, students will increase their lexical and grammatical knowledge of Spanish language specific to the workplace in order to communicate more easily and comfortably. Students will also be better prepared to deal with the specific themes related to business introduced in the course. (This course is not for Spanish minors or majors, but may be taken as a free elective.)

• SPAN-300 Intro to Cultural Texts

Prerequisites:

Spanish 202, 203, 250 or Instructor's consent.

Credits:

4.00

Description:

Explores a selection of Peninsular and Latin American cultural materials. Primarily examines texts from different literary genres (narrative, drama, essay, and poetry). Develops critical skills required in more advanced Spanish courses, through close readings and textual analysis. Activities include regularly assigned essays, group discussions, and short scene work.

Term:

Offered Spring Term

- **SPAN-301 Spanish Culture and Civilization**

Prerequisites:

Spanish 202, 203 or 250. Spanish 290 or 300 are strongly recommended

Credits:

4.00

Description:

Examines the civilization and culture of Spain highlighting its historical development and cultural manifestations from pre-historic times to the nineteenth century. Students improve their four skills through activities that include discussions, oral presentations, and writing assignments based on reading and films.

Term:

Alternates Fall & Spring

- **SPAN-302 Indigenous and Colonial Latin America**

Prerequisites:

Spanish 202, 203 or 250 or Instructor's consent. Span 290 or 300 strongly recommended.

Credits:

4.00

Description:

Introduces students to the complexity Latin America by examining its roots in pre-Columbian America and the impact of Spanish exploration and colonization. Places emphasis on cultural, economic, historical, philosophical, political and religious patterns that define the region. Includes class discussions, oral presentations, and writing assignments based on reading and audio-visual material.

Term:

Alternates Fall & Spring

• SPAN-303 Modern and Contemporary Latin America**Prerequisites:**

SPAN 202 or 203 or Instructor's consent. SPAN 290 or 300 strongly recommended.

Credits:

4.00

Description:

Examines the path taken by Latin American and Caribbean countries to build independent nations out of colonial territories highlighting the 19th, 20th, and 21st centuries, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music & film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed. Includes class discussions, oral presentations, and writing assignments based on readings and audio-visual material.

• SPAN-305 Living in Translation**Prerequisites:**

SPAN 250, 290, or 300 or Instructor's consent.

Credits:

4.00

Description:

Examines the process and theory of translation. Materials are drawn from the literary world, the mass media (i.e. advertising, marketing, news, entertainment), and professional sources. Students gain further insights about the linguistic, cultural, and ethical dimensions of the field. Additional grammar review provided as needed.

Term:

Occasional

- **SPAN-315 Spanish for the Professions**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

Integrates language learning with culture via business context of the Hispanic world. Spanish for banking and finance, marketing and advertising, and international commerce are highlighted. Students increase their cross-cultural understanding and written and oral proficiency in business Spanish through a wide range of assignments.

Type:

Global Engagement Experience

- **SPAN-340 Hispanic Culture Today: Trans-Atlantic Perspective**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent.

Credits:

4.00

Description:

An examination of key issues in Hispanic culture today through the study of literature, film, music and TV. The purpose of the course is twofold: To introduce the students to major themes in recent Hispanic society and culture and, to develop the necessary skills to read and analyze literary texts and other cultural forms. Topics to be discussed include dictatorship and democracy, women and representation, political and domestic violence, national identity, immigration, and mass culture. The selected materials will include texts by authors like Manuel Rivas, Mario Vargas Llosa, Carlos Fuentes, Cristina Peri Rossi, Rosa Montero, Carlos Monsivais, and Roberto Bolano among others. (Madrid campus only)

- **SPAN-350 Spanish Cultural Studies**

Credits:

4.00

Description:

This is an interdisciplinary course that will examine the historical and socio-economic causes of contemporary Spanish culture. Material will be drawn from a variety of sources including: history, sociology, gender studies, literature and philosophy. Extensive reference will be made to the non-Western cultures which have made Spain what it is today. (Usually taught in English). (Madrid campus only)

• SPAN-360 Madrid Cosmopolitan City**Prerequisites:**

SPAN-290 or SPAN-300 or Instructor's consent

Credits:

4.00

Description:

This course is designed to provide students with a basic knowledge of the city of Madrid in terms of its historical, cultural, and social development. Contemporary aspects of the city such as its rise to prominence amongst the capitals of Europe and the phenomenon of recent immigration patterns will also be discussed. All classes will be conducted in Spanish. Specific grammar points will be reviewed as needed. (Madrid campus only)

Type:

Global Engagement Experience

• SPAN-365 Spanish Cities: An Ongoing Transformation**Prerequisites:**

Take SPAN-290; Taught in Spanish

Credits:

4.00

• SPAN-390 Introduction to Latin American and Caribbean Literature**Prerequisites:**

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Examines authors from Latin America and the Caribbean in their historical and cultural contexts. Reading and class discussions consider the relationship between the writer and society by covering such topics as colonialism, the oral tradition, modernism and the emergence of new narratives in the twentieth century. The Inca Garcilaso, Sor Juana, Carlos Fuentes, Rigoberta Menchu, and Pablo Neruda are among some writers studied.

Term:

Occasional

- **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

Explores the relationship between social history, cultural identity and artistic expression through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, mass culture and gender are among the topics examined. Readings include novel, short story, poetry and drama. Films and documentaries further illustrate the connections between society and text.

Term:

Occasional

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Examines the changing roles of women in Mexico, the Caribbean, Central and South America through fiction, non-fiction, drama, poetry and film. Special focus is placed on the impact that changes in social

ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

- **SPAN-408 Latin American Cinema**

Prerequisites:

Take ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Begins with the Cuban revolution as a point of departure and examines films from Argentina, Chile, Colombia, Mexico, and other Latin American countries. Students explore the relationship between film & society and consider how knowledge of a culture and its history is influenced and shaped by what is seen on the screen. Films in Spanish with English subtitles.

Term:

Occasional

- **SPAN-410 Representation and Reality in Spanish Cinema**

Credits:

4.00

Description:

This course offers the students a panoramic view of the most representative Spanish films from the 1950's until today, with special emphasis on its social, political, artistic and cultural context. Films will be viewed in Spanish with English subtitles. Conducted in English, the course will be open to both non-majors in Spanish as well as to advanced-level Spanish majors and minors, with the latter carrying out their written work and individual meetings with the instructor in Spanish.

- **SPAN-416 Border Crossings/The Latino Experience In the Usa**

Prerequisites:

ENG-102 or ENG-103 or Instructor's consent. Span 302 is strongly recommended for Spanish and Latin American & Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the myth of a singular Latino experience in the United States through a variety of genres and authors. Issues relating to culture, language, family, and religion are among some of the topics explored. Authors include Sandra Cisneros, *House on Mango Street*, Junot Diaz, *The Brief Wondrous Life of Oscar Wao*, Julia Alvarez, *How the Garcia Girls Lost Their Accents*, Tato Laviera, and *American*.

Term:

Occasional

• SPAN-417 Changes in Social Values in Spain 1975 - 2005**Prerequisites:**

Take SPAN 290 or SPAN 300 or Instructor's consent. SPAN 350 is strongly recommended.

Credits:

4.00

Description:

In this course we will study the transition of Spain from dictatorship to democracy from an interdisciplinary perspective based mostly on the analysis of literary works, film, visual arts and music besides relevant theoretical articles by major Spanish and international intellectuals. Youth culture (sex, drugs and rock and roll), the feminist movement, nationalistic demands, and Spain's subsequent incorporation into the European Union will be highlighted. (Madrid campus only)

• SPAN-418 Through the Eyes of the Storyteller / Latin American Fiction and Film**Prerequisites:**

ENG 102 or ENG 103 or Instructor's consent. SPAN 300 and SPAN 302 are strongly recommended for Spanish and Latin American and Caribbean Studies majors and minors.

Credits:

4.00

Description:

Examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers studied represent mainstream as well as marginal voices that address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean, and Mexico.

Term:

Occasional

• SPAN-425 Literature and Art in Latin America

Prerequisites:

Span 290 or Span 300; Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

Examines the dynamic relationships that exist between art (both visual and lyrical) and the written word. Through a juxtaposition of work by twentieth century authors from Latin America and the Caribbean and other artists who explore similar themes, students examine the multiple ways in which art and literature contribute to our understanding of life in Latin America and the Caribbean. Materials are drawn from the fields of music, photography, poetry, prose, theatre, and visual art.

Term:

Occasional

• SPAN-427 U.S. Mexican Border in the New Millennium

Prerequisites:

SPAN 290 or 300 or Instructor's consent

Credits:

4.00

Description:

Explores the literature, culture, and history of the United States-Mexico Border, and analyzes the profound changes that the gain/loss of territories created by the Treaty of Guadalupe Hidalgo caused for the citizens in the region. Emphasis is on contemporary border theatre and film. Students read works of Salcedo, Galindo, Mijares, Rascon Banda, among others, and examine contemporary films and documentaries such as *Senorita Extraviada*, *Victoria para Chino*, and *Crossing Arizona*.

Term:

Occasional

- **SPAN-428 From Script to Performance: Contemporary Latin American Theatre**

Prerequisites:

Span 290 or 300; Span 302 is strongly recommended

Credits:

4.00

Description:

Students examine the contemporary world of Latin American Theatre. A study of basic theatre concepts and methodology prepares students to perform in Noche de teatro latinoamericano, a public performance of three one-act plays from contemporary Latin American Playwrights. Publicity and set design are also part of the course framework.

Term:

Occasional

- **SPAN-502 Honors Thesis**

Prerequisites:

Senior standing & permission of the Dept. Chair

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member.

Term:

Offered Fall Term

- **SPAN-510 Independent Study**

Prerequisites:

Instructor consent required.

Credits:

1.00- 4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

- **SPAN-I295 Spanish in the Workplace Internship**

Credits:

0.00

Description:

Internship in Madrid, Spain. At least 12 hours a week working for an organization. Designed to give students an international professional learning opportunity. It takes place concurrently with SPAN 295.

- **STATS-240 Introduction to Statistics**

Prerequisites:

Math 128 or higher. REMINDER: STATS 240 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Topics include: data presentation, measures of central locations and dispersion, probability and probability distributions, estimation, hypothesis testing, simple and multiple regression models. The use of Excel and SPSS will be emphasized throughout the course. 1 term - 4 credits (4 hours per week). Normally offered each semester. STATS 240 satisfies the same requirements as STATS 250

Type:

Quantitative Analysis

• STATS-250 Applied Statistics

Prerequisites:

MATH 128 or higher. REMINDER: STATS 250 is a required prerequisite MKT 220, FIN 200 and ISOM 201(prerequisite for ISOM 319)

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analysis. The use of computers is emphasized throughout the course. Normally offered each semester.

Type:

Quantitative Analysis

• STATS-H250 Honors Applied Statistics

Prerequisites:

MATH-128, MATH 130, 134, 146, 164 or 165 and Honors Course; GPA of 3.3 or higher

Credits:

4.00

Description:

Application of statistical analysis to real-world business and economic problems. Topics include data presentation, descriptive statistics including measures of location and dispersion, introduction to probability, discrete and continuous random variables, probability distributions including binomial and normal distributions, sampling and sampling distributions, statistical inference including estimation and hypothesis testing, simple and multiple regression analyses. The use of computers is emphasized throughout the course. Prerequisite: MATH 130, MATH 134, MATH 146, or MATH 165 Honors Course GPA of 3.2 or higher required. 1 term - 4 credits Normally offered every year.

Type:

Honors

• STATS-350 Applied Statistical Methods

Prerequisites:

STATS 250

Credits:

4.00

Description:

This application-oriented course is designed to go beyond the topics covered in STATS 250. It includes topics like Analysis of Variance (ANOVA), special topics in regression analysis and index numbers. Further, time series data, which consist of values corresponding to different time intervals, are analyzed. The objective is to examine past time series values to forecast, or predict future values. Seasonal variations are also incorporated in the forecasts. The course will provide useful computer skills involving various statistical packages and is an excellent preparation for graduate work in business and social sciences.

• STATS-R240 Statistics Recitation**Credits:**

0.00

Description:

This course is taken as a co-requisite to Stats240. The recitation is a hybrid course. Once every two weeks students meet with an instructor to do work that enhances understanding of the course material. On alternate weeks students work on individual and group homework.

• SU-101 Freshman Year Experience**Credits:**

1.00

Description:

SU 101 is designed to assist in a successful transition at Suffolk University and our unique urban community. Through interactive exercises and engaging assignments, the class will discuss a variety of topics, including academic success strategies, personal goals and self-awareness, and additional areas of relevance for new students. Students will develop the insights, skills and attitudes necessary for becoming a successful student.

• SU-102 Academic, Personal, and Professional Success!**Prerequisites:**

UAP students only

Credits:

1.00

Description:

Designed to promote critical thinking and analysis, SU102 is comprised of three seminars, each four weeks in length. All seminars will include a faculty or guest presenter. The seminars will focus on the psychology of learning, career exploration and understanding the value and cost of earning a college degree.

• **THETR-100 Theatre Practicum: Performance**

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department performance activities such as acting, directing, playwriting, dramaturgy, choreography, or stage management may. May be taken more than once.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• **THETR-102 Theatre Practicum: Production**

Prerequisites:

This is a no credit course.

Credits:

0.00

Description:

A non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for this course when participating in Theatre Department production activities such as design or assistant design, load-in or run crews, board operators, carpenters, electricians, stitchers and painters. May be taken more than once.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• THETR-129 Acting

Credits:

4.00

Description:

This introduction to acting prepares students for work in production and develops skills in all forms of communication. The first part of the course uses improvisational exercises based on the Stanislavski method to teach fundamental acting techniques. The second half of the course applies those techniques to scene work from major 20th century plays. This course is a core requirement for all Theatre Majors.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

• THETR-139 Vocal Technique

Credits:

4.00

Description:

Vocal Technique provides students with an essential foundation to help ensure the safe and effective use of the speaking and singing voice. Topics will include alignment, relaxation, breath support, placement, resonance, vocal anatomy, and the care and protection of the voice under normal and stressful situations. Students will do oral presentations and have the option of singing in a master class setting. This is a studio course with a written component.

Term:

Offered Both Fall and Spring

Type:

Arts Admin Minor Elective

- **THETR-151 Introduction to Design**

Credits:

4.00

Description:

This rigorous class will give students the fundamental concepts, vocabulary and skills used to design for the stage such as: color, line, composition, research and script analysis. The class has a written component and is intended to prepare students to design workshop productions in the Studio Theatre. Students will be expected to complete a minimum of ten hours of production work for Theatre Department productions.

Term:

Offered Spring Term

- **THETR-152 Introduction to Stagecraft**

Credits:

4.00

Description:

This rigorous survey class will give students the fundamental concepts, vocabulary, and skill to implement basic scenery, lighting, costuming, props and sound. The class is intended to prepare students as technical support for workshop productions in the Studio Theatre. There is a written component and students will be expected to complete a minimum of ten hours of technical work on Theatre Department productions.

Term:

Offered Fall Term

- **THETR-187 Intro to Stage Management**

Credits:

4.00

Description:

This course will teach both the methods and principles behind stage management demonstrating how to support a production while facilitating the work of directors, designers, and actors. In addition to teaching the specific technical skills necessary to each part of the production process, this course will also address the more subtle intellectual and managerial skills that make stage management an art. Satisfies a core requirement for Theatre majors.

Term:

Offered Fall Term

Type:

Arts Admin Minor Elective

• THETR-191 The Freshman Experience**Prerequisites:**

Theatre Majors and minors only.

Credits:

1.00

Description:

This course helps orient Theatre Department Freshmen to university life while presenting them with practical information about the department. Topics will include production practicum, student showcases, auditioning, advising, capstone projects, internships and study abroad opportunities. Theatre professors, staff, and visiting professionals come to classes to discuss their areas of expertise. Students are made aware of arts activities on campus and in the city of Boston for which weekly journals are required. A script and performance of at least one play in Boston will be studied.

• THETR-200 Theatre Practicum: Performance**Prerequisites:**

Theatre majors or minors or instructor's consent

Credits:

1.00- 4.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Students should register for this course when participating in Theatre Department performance activities such as acting, directing, playwriting, dramaturgy, choreography, or stage management may. Written work includes a production log signed by the supervisor and a narrative journal. This course also satisfies the Theatre requirement for Theatre majors and minors. May be taken more than once. ECR

Term:

Offered Both Fall and Spring

• THETR-202 Theatre Practicum: Production

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 4.00

Description:

This course offers flexible credit for a wide range of production work in the Theatre Department determined by the challenge and time commitment of the assignment. Students should register for this course when participating in Theatre Department production activities such as design or assistant design, load-in or run crews, board operators, carpenters, electricians, stitchers and painters. Written work includes a production log signed by the supervisor and a narrative journal. This course also satisfies the Theatre requirement for Theatre majors and minors. May be taken more than once. ECR

Term:

Offered Both Fall and Spring

• THETR-221 Voice and Movement for Actors

Credits:

4.00

Description:

Professional actors engage in rigorous voice and movement training throughout their careers. This course provides students with the theory and practical training to free and develop their natural voices for the stage. They will also explore physical acting through improvisation and a series of exercises that will expand their ability to respond reflexively and organically to their instincts. Wear comfortable clothing.

Term:

Alternates Fall & Spring

- **THETR-224 Intro to Improv**

Credits:

4.00

Description:

This course serves as an introduction to scenic improvisation and its application toward short-form, long-form and as a tool to develop written material. Students will begin classes with various improvisational exercises and transition to creating improvised scenes focusing on agreement, relationship, game and heightening concepts. Particular emphasis is placed on creative collaboration with scene partners and as part of an ensemble. This class will benefit anyone who wants to develop tools to think on their feet and participate in creative collaborations.

- **THETR-233 Introduction to Singing for the Stage: Classic Musical Comedies**

Credits:

4.00

Description:

Focusing on classic musical comedies from 1910-1950 e.g. Anything Goes, Kiss Me Kate, and Guys and Dolls this skills-based studio course introduces students to an integrated approach to singing and stage performance. Students will learn the fundamentals of vocal technique which includes targeted vocal warm-ups and relaxation exercises in addition to the basics of breath support, placement, and phrasing. Students will also learn how to analyze musicals for their dramatic potential in order to make their performances more believable to an audience. Several classes will be devoted to audition preparation. Private vocal coaching and acting coaching will be scheduled outside of class. Students will work on assigned songs, duets, and choreographed group numbers which will be presented at the end of the term for an invited audience.

Term:

Occasional

- **THETR-243 Sabar: Music and Dance of Senegal**

Credits:

4.00

Description:

This course explores the history and practice of music and dance in Senegal, West Africa taught through lectures, readings, and studio classes which are accompanied by live African drumming. Proper dance attire is required.

Term:

Offered Spring Term

- **THETR-260 Broadway Musicals**

Credits:

4.00

Description:

This course is a survey of American musical theatre from its roots in the mid-19th century to the present. It provides the analytical tools and historical insight to more fully appreciate Broadway's greatest musicals and musical theatre artists. Students will explore the ways in which American forms of popular entertainment helped to shape Broadway musicals from their infancy through their adulthood. The course also explores the ways in which musicals provided opportunities for African-Americans, women, immigrants, and the GLBT community.

Term:

Offered Fall Term

- **THETR-265 Introduction to Theatre: Prehistory to Melodrama**

Credits:

4.00

Description:

This survey course provides students with an historical, philosophical, and aesthetic overview of theatre practices from the Golden Age of Greek drama to 19th-century melodrama and early experiments in realism. Through readings, lectures, and discussions, the class will explore the theatre's persistent capacity to mirror the societies that produce it. Satisfies a core requirement for Theatre majors and the Humanities requirement. Normally offered alternate years.

Term:

Occasional

- **THETR-266 Intro to Theatre: 20th Century**

Credits:

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Term:

Offered Spring Term

• THETR-H266 Intro to Theatre: Twentieth Century**Credits:**

4.00

Description:

Picking up chronologically where THETR 225 leaves off, this survey course is designed to provide students with an understanding of modern Western theatre. Beginning with a melodrama, plays will include representative works of realism, naturalism, expressionism, epic theatre, theatre of cruelty, theatre of the absurd, and metatheatricality. Lectures and class discussions will explore how these concepts translate to acting and production techniques as well as what they imply as artistic responses to a modern and post-modern world. Satisfies a core requirement for Theatre Majors.

Type:

Honors

• THETR-267 Introduction to Theatre: Contemporary American**Credits:**

4.00

Description:

This course provides a formal introduction to the theories and practices strategically used by American theatre artists after the Second World War. Special emphasis is placed on theatre artists exploring issues of cultural identity including works by GLBT, African-American, Asian-American, and Latin American playwrights. These playwrights may include Tony Kushner, Paula Vogel, Suzan-Lori Parks, Adrienne Kennedy, August Wilson, David Henry Hwang, Philip Kan Gotanda, Eduardo Machado, and Melinda Lopez. The course will also provide an introduction to trends in post-modern theatre practices

related to emerging work of the auteur director, solo performers, and interdisciplinary collectives. Satisfies a core requirement for Theatre majors. Normally offered alternate years.

Term:

Occasional

• THETR-281 Arts Administration I

Credits:

4.00

Description:

The expansive world of arts administration provides a wealth of rewarding career opportunities. This course will provide a fundamental overview of the managing, marketing, fundraising, and financial management functions of the performing and visual arts organizations. Using Suffolk's Modern Theatre as a laboratory, as well as site visits to some of Boston's greatest arts and culture institutions, we will investigate real world successes and challenges and discover what special talents each individual student can bring to the management mix. This course is a core requirement for Suffolk's new interdisciplinary Arts Administration minor.

• THETR-289 Managing the Start-Up Arts Organization

Credits:

4.00

Description:

Managing a start-up arts organization requires not only the financial, programming, development and interpersonal skills of day-to-day arts management, but the additional creative and imaginative abilities to attract and manage stakeholders, brand the organization, and create governance and hierarchical structures. Using Suffolk's new Modern Theatre as a laboratory, we will investigate the process of starting-up, how it differs from organization to organization, and what special talents each individual student can bring to the management mix. Reading and writing are required for the course, as well as specific work projects either at the Modern or at a local start-up.

Term:

Occasional

Type:

Arts Admin Minor Elective

• THETR-291 Professional Development

Prerequisites:

Theatre majors or minors only.

Credits:

1.00

Description:

This course is designed to give you the tools to plan for and support your career path after graduation. Activities include audition/resume/ cover-letter workshops; interviewing techniques; dressing for success; networking; identifying your personal brand; professional internships; and deciding whether graduate school is right for you. Master classes with professional theatre artists and field trips to professional theatres will also be included.

• THETR-319 Study Abroad: Flamenco in Madrid**Prerequisites:**

Permission of Instructor

Credits:

4.00

Description:

This is a three week, four credit, faculty led intensive course in Flamenco dance. The study of Flamenco immerses students in the rich cultural heritage of Spain's most popular and passionate art form. This unique program blends studio classes in the heart of Madrid with a study of the vibrant history and culture of Spain. Students interested in study abroad are encouraged to take language courses in the Humanities Department.

Term:

Occasional

• THETR-322 Acting for the Camera**Prerequisites:**

THETR-129 or instructor's consent

Credits:

4.00

Description:

This course gives students an understanding of the acting challenges unique to film, television, and commercial acting and helps them develop an effective process for on-camera performance. The material in this class is drawn from various media as well as from students' own research and writing. Class exercises and presentations are video taped, viewed, and critiqued by the students and the instructor as students grow and learn. Students also become familiar with the language and demands of professional production as well as how the technical process affects their performance.

Term:

Offered Fall Term

• THETR-323 Audition Training

Credits:

4.00

Description:

Learning how to prepare for effective auditions is essential training for anyone who wishes to be cast in theatre productions. This studio course will provide practical guidelines and useful strategies to help students be at their best during the always competitive audition process. Over the course of the term students will not only prepare to participate confidently in professional and non-professional auditions, but learn to enjoy the journey as well.

Term:

Offered Fall Term

• THETR-329 Acting II

Prerequisites:

THETR 229 or THETR-129 or instructor's consent

Credits:

4.00

Description:

A continuation of Acting I with special emphasis on verse and heightened language. Students will explore acting Shakespeare and other classical plays and will rehearse and perform short projects. Students will also learn to think, read and write about classical performance.

Term:

Offered Fall Term

- **THETR-333 Singing for the Stage: Rock, Pop, & Progressive**

Credits:

4.00

Description:

Focusing on classic rock, pop, and progressive musicals from the 1970s-1990s, e.g. A Chorus Line, Chicago, and Into the Woods this studio course provides students with an integrated approach to singing and stage performance. Students will learn the fundamentals of vocal technique which includes targeted vocal warm-ups and relaxation exercises in addition to the basics of breath support, placement, and phrasing. Students will learn how to analyze musicals for their dramatic potential in order to make their performances more believable to an audience. They will also be introduced to basic music theory and how to plunk out notes on a piano - skills that will make them more independent and confident performers. Several classes will be devoted to audition preparation. Private vocal coaching and acting coaching will be scheduled outside of class. Assigned solos and choreographed group numbers will be presented weekly in class and at the end of the term in a recital for an invited audience.

Term:

Occasional

- **THETR-334 Singing for the Stage: Musicals From the Golden Age**

Credits:

4.00

Description:

Focusing on classic musicals from 1950-1970 e.g., Pajama Game, Fiddler on the Roof, and Cabaret, this skills-based studio course exposes students to an integrated approach to singing and stage performance. Students will learn the fundamentals of vocal technique which includes targeted vocal warm-ups and relaxation exercises in addition to the basics of breath support, placement, and phrasing. Students will also learn how to analyze musicals for their dramatic potential in order to make their performances more believable to an audience. Several classes will be devoted to audition preparation. Private vocal coaching and acting coaching will be scheduled outside of class. All students will work on assigned songs and choreographed group numbers which will be presented at the end of the term for an invited audience.

Term:

Occasional

- **THETR-345 Broadway Dance**

Credits:

4.00

Description:

Grounded in the fundamentals of dance, this course will focus on the rigors and vitality of dances created for the Broadway musical. Students will learn about the history of Broadway dance and will present choreography developed in class at the end of the semester for an invited audience. Students will learn to think and write critically about the form. Dance attire is required.

Term:

Occasional

• **THETR-351 Set Design**

Prerequisites:

Take THETR-237 THETR-250 or THETR-251; or instructor's consent

Credits:

4.00

Description:

This is a studio course exploring the process of interpreting dramatic scripts in visual, three-dimensional ways. Projects will include abstract visual responses, group installations, enacting texts, visual research and textual analyses as well as ground plans and models for sets. Students will need a variety of painting and drawing supplies and equipment. A willingness to think beyond the box set to discover vital ways to shape a production is essential.

Term:

Offered Spring Term

• **THETR-356 Introduction to Costume Design**

Prerequisites:

THETR 250 OR THETR 251 or by instructor's permission.

Credits:

4.00

Description:

This is a comprehensive studio course with a written component. The course explores many aspects of the design process including concept, research, collaboration, and full renderings. Normally offered

alternate years.

- **THETR-359 Lighting Design**

Prerequisites:

Take THETR-187 THETR-152 or THETR-151; or instructor's consent

Credits:

4.00

Description:

Students will explore the basic process of lighting design for the theatre through hands-on, practical experience, conceptual work, and a study of the history of lighting design. The course will focus on common vocabularies, descriptions of imageries from text, physical forms of design expression and general approach. In addition, students will learn basic skills in electrics to support the design process. Sample assignments might include written critiques of local productions, design approach statements with lighting research, lighted one act plays in the Studio Theatre, and lighting set models. Normally offered alternate years.

Term:

Occasional

- **THETR-362 Women on Stage**

Credits:

4.00

Description:

How do playwrights of different backgrounds and genders interpret female-ness? This class explores some of the great heroines of dramatic literature, as well as female playwrights and performers. Students will be encouraged to indulge their taste for drama, as well as ask deeper questions about how women on stage are presented, perceived, and constructed. Students will read, write and discuss plays in terms of their structure, plot, theme, and characterizations. Class activities may include watching videos and attending live theatrical productions.

Term:

Occasional

- **THETR-364 Dramaturgy**

Prerequisites:

THETR-225, THETR-226, THETR-227, THETR-310, THETR-307, THETR-405, THETR-450, THETR-455, THETR-460, THETR-489, THETR-507 or THETR-510 or instructor's consent

Credits:

4.00

Description:

This course will explore the fundamentals of dramatic structure and investigate the various roles of the contemporary dramaturg. Through the in-depth analysis of texts, students will follow Aristotle's example in The Poetics and attempt to figure out what makes great plays tick. Weekly reading and writing assignments will be supplemented by live theatrical performances.

Term:

Occasional

- **THETR-375 Directing I**

Credits:

4.00

Description:

This conservatory-style course provides students with fundamental directing skills through lectures, readings, and weekly projects that explore composition, staging, text analysis, and directorial communication skills. Students in this course become eligible to propose their own projects to the Theatre Department for production consideration. Directing students are also encouraged to stage manage and assistant direct faculty productions both in and outside of the Department.

Term:

Offered Fall Term

Type:

Arts Admin Minor Elective

- **THETR-376 Theatre of Protest: Techniques for the Performance of Social Activism, Subversion and Resistance**

Credits:

1.00

Description:

This one-credit course is intended for those students who seek knowledge of theatrical techniques employed to respond quickly in public space to social and political injustice. The course will explore historical precedents of theatre of protest as a tool for resistance and change. These precedents include the strategic theatrical deployment of ritual, ceremony, song, satire, symbolism, puppetry and mythology. The course will also serve as a workshop for students to imagine, prepare and develop ideas, techniques and strategies which they can apply to their own social activism.

• THETR-377 Playwriting

Credits:

4.00

Description:

An introduction to playwriting, students will be required to submit weekly assignments which explore and refine fundamental components of the dramatist's craft including plot, character, conflict, voice, dialogue, rhythm, point of view, surprise, structure, and style. Students are encouraged to participate in "Play Day!", an annual reading of new student-written plays. Normally offered every year.

• THETR-384 The Art and Artistry of Calling a Show

Prerequisites:

THETR-237 or instructor's consent

Credits:

4.00

Description:

In calling a show the stage manager cues all technicians to effect changes in lighting, sound, flying elements and special effects during performances. A well-called show is an artistic achievement no less than a well-acted, directed or designed show. Building on the ability to make a complete and accurate stage manager's book learned in Intro to Stage Management, this course will teach calling skills for theatre, opera, dance and performance art. The course will demonstrate the construction of cues and how they promote the artistic vision of the production. In-class work will utilize the Studio Theatre and give students real-time opportunities for calling cues, and will include play reading and analysis. Outside class work will include attending and writing analyses of professional performances.

Term:

Occasional

• THETR-421 Combat, Clown and Characters

Prerequisites:

THETR-201 OR THETR-229 or instructor's consent

Credits:

4.00

Description:

Students compliment their practical theatre training with a wide range of physical and vocal skills. This three part class focuses on the art of creating a clown, the ability to safely build and execute a stage fight, and special work on creating a three dimensional character for the stage. Normally offered alternate years.

Term:

Occasional

- **THETR-422 Acting for the Camera II**

Prerequisites:

Take THETR-232 or Instructor's consent

Credits:

4.00

Description:

Applying skills introduced in Acting for the Camera I, students produce and perform in a showcase video with more demanding material. Included in this course is a focus on the business of film and television work as it affects an acting career. From auditioning skills to on-set work ethics, students will work in class and on film locations to experience the realities of the film and television industries and learn to think and write critically about on camera performance. Each student will have the opportunity to put together a demo reel showcasing their acting work prepared for class.

Term:

Offered Spring Term

- **THETR-425 Advanced Scene Study**

Prerequisites:

Take THETR-129

Credits:

4.00

Description:

Using plays from the mid-20th century to the present, students will engage in advanced acting techniques to discover connections with the material at the deepest, most intimate level. The ability to apply highly sensitized analyzation to character, relationships and circumstances of each scene will be thoroughly explored and students will be encouraged to work outside of their comfort zones. Also, the awareness and execution of the emotional commitment needed to fulfill the life of each scene will be courageously explored and incorporated.

• THETR-429 Theatre on the Go: Site-Specific Theatre**Prerequisites:**

THETR-129

Credits:

4.00

Description:

This project-based performance class explores the unique, specially adapted acting experience found working in unusual and sometimes public settings. Through improvisation and socio-drama exploration, students will write, produce and direct their own interactive and non-interactive performance pieces. This innovative team-building class will challenge your ideas of what and where theatre lives through discussion and performance. The semester will conclude with a group project to be performed publicly.

• THETR-433 Advanced Singing for the Stage: Broadway Musicals Today**Prerequisites:**

Instructor's consent required

Credits:

4.00

Description:

Focusing on musicals written from the 1990-the present e.g. Next to Normal, The Last Five Years, and Spring Awakening, this advanced studio course provides students with an integrated approach to singing and stage performance. The fast-paced tempo of the class will encourage students to build on their previous training and experience and to become increasingly independent as they prepare for auditions and performance work beyond the university. Private vocal coaching and acting coaching will be scheduled outside of class. Students will be expected to prepare selected solos or duets and learn additional choreographed group numbers which will be presented at the end of the term for a public performance.

Term:

Occasional

- **THETR-444 Choreography I**

Credits:

4.00

Description:

This course encourages students to develop a broad palette of choreographic tools drawn from the work of early modern choreographers and theorists and post-modern techniques. The process of the class will include structured improvisations, analysis of historical and contemporary dance works, the development of a critical response process, journaling, and the creation of original solo and group work. Additionally, students will attend two dance concerts throughout the semester and submit written critiques of each performance. The class will culminate in the performance of self-selected compositions for an invited audience. Proper dance attire is required.

- **THETR-451 Set Design II**

Prerequisites:

THETR 331 or Instructor's Consent

Credits:

4.00

Description:

Taking up where THETR 331 left off, Set Design II is a studio course exploring the process of interpreting dramatic scripts in visual, three-dimensional ways at a much higher level of project realization. In addition to class work, students will develop advanced skills in model building, drafting and painting through independent studio work and individual meetings with the professor outside of class. Students will need a variety of painting and drawing supplies and equipment. Meets concurrently with Set Design I.

Term:

Occasional

- **THETR-460 A House for Words to Live In**

Prerequisites:

Prerequisites: THETR225 or THETR226, or THETR227 and THETR250 or THETR251 or THETR237 (or permission of the instructor)

Credits:

4.00

Description:

An upper level course, of interest to directors and dramaturges as well as designers, about a remarkable period in American theatre history, explored within the context of four stage designers and the playwrights with whom they collaborated. Scripts by O'Neil, Williams, Miller, and Odets will be studied in conjunction with their revelatory original designs, which have become as iconic as the plays themselves. The designer's process, the collaborative nature of theatrical production, and the advances in theatre technology will also be explored. The course will have a seminar format, require independent reading and research, and be writing intensive, culminating with a final term paper presented to the class.

Term:

Occasional

• THETR-461 Play Analysis

Credits:

4.00

Description:

This seminar course examines Shakespeare's plays and their modern correlatives. (i.e. Hamlet and The Seagull, King Lear and Endgame) Students read the texts out loud in class examining the meaning, action, objective, and philosophical and historical contexts with the professor. The goal is to get closer to the original intentions of the author and determine not only the basic theme and character relationships, but the kind of mind that could create such a play. In analyzing a modern play students also examine the impact of Shakespeare's mind on future playwrights. There will be a midterm paper and a final exam.

Term:

Offered Fall Term

Type:

Arts Admin Minor Elective

• THETR-475 Directing II

Prerequisites:

THETR-375 or instructor's consent

Credits:

4.00

Description:

Directing II focuses on the development of an individual directorial point of view and explores a variety of theoretical and applied approaches to cultivating interpretive skills. The course also examines how the director reconciles traditional theatrical conventions and techniques with the ability to create fresh, innovative and personal results. Students will stage weekly theatrical responses to class readings in addition to creating a fully-realized final directing project.

Term:

Offered Spring Term

• THETR-477 Playwriting II

Prerequisites:

THETR-377 or instructor's consent

Credits:

4.00

Description:

Playwriting II is a continuation, deepening and thickening of the principles learned in Playwriting I. A course designed for dedicated writers, students are expected to explore a wide variety of playwriting challenges, skills and techniques. Student works will be regularly shared and discussed in class. Students will also be assigned plays by recognized playwrights to discuss and analyze in class. Playwriting II students are encouraged to participate in PlayDay!", an annual reading of new student-written plays. Normally offered alternate years.

Term:

Occasional

• THETR-481 Arts Administration II

Prerequisites:

THETR 491

Credits:

4.00

Description:

In this course, we will see how the administrative functions discussed in Arts Administration I work in different kinds of arts organizations. Using actual cases from the world of performing and visual arts, we will explore the operations for profit and non-profit arts producers and presenters, art service organizations, and many kinds of funding institutions. We will also discuss various approaches to arts administration in an international context. The course may include an internship with an arts organization in Boston.

• THETR-488 Professional Internships**Prerequisites:**

instructor's consent and internship availability required

Credits:

1.00- 4.00

Description:

This course provides students with the opportunity to receive credit for their work on an approved internship assignment in the professional performing and visual art world. At the successful completion of the internship, students will be required to submit a written analysis of their experience as well as a journal documenting the daily events of their project. Professional internships are difficult to secure. Interested students are advised to contact members of the Theatre Department faculty at least one semester in advance to facilitate this opportunity.

Term:

Offered Both Fall and Spring

• THETR-489 Performance Studies**Credits:**

4.00

Description:

This course provides an overview of the modern concept of performance and how it has evolved in a variety of interdisciplinary fields. Encompassing the areas of dance, music, theatre, installation work, 'happenings' and spectacles, students will explore the ways performance is understood by ethnographers, anthropologists, linguists, cultural theorists, social scientists, and artists. Using the theoretical base covered during the semester, students will conceive, develop, and present a final performance piece appropriate to their chosen discipline.

Term:

Occasional

• THETR-507 Senior Honors Project**Prerequisites:**

Instructor's consent required

Credits:

0.00- 4.00

Description:

Theatre majors who have demonstrated academic excellence and involvement in department productions may propose to work with a faculty advisor during their senior year to focus intensively on a specific area of interest to prepare for graduate school and the professional world. Options include: a production, a research project, a professional internship, an experiential service learning project, a senior honors portfolio, or a self-defined independent project. Successful completion of this course confers departmental honors to graduating Theatre majors.

Term:

Offered Both Fall and Spring

• THETR-508 Capstone Experience**Credits:**

0.00

Description:

The capstone experience demonstrates a student's high level of practical and/or academic facility and prepares them for their transition into the world of professional theatre and graduate school. Upper Level production activities within the theatre department that may fulfill this requirement are directing, designing, stage managing, acting a major role, playwriting, or some special approved project. Students may also fulfill this requirement by completing a Senior Honors Thesis.

• THETR-510 Independent Study**Prerequisites:**

Instructor's consent required

Credits:

1.00- 8.00

Description:

Variable credits for approved projects outside the classroom. Since all independent studies must be approved by the Dean's Office, all interested students must be able to persuasively articulate their proposal in writing and include both an annotated reading list and a schedule of meetings with faculty supervisors.

Term:

Offered Both Fall and Spring

• THETR-511 Professional Development

Prerequisites:

Theatre majors or minors only.

Credits:

1.00

Description:

This course is designed to give students the tools to plan for and support a career path after graduation. Students will acquire effective business skills, learn the importance of proactivity and self-reliance, and develop strategies for establishing and sustaining professional networks of support. Students will also learn how to execute effective interviewing techniques, gain insight concerning personal strengths and weaknesses, and acquire life-long learning skills in order to begin their professional careers with defined strategic goals that will support their aspirations. Master Classes with professional theatre artists and field trips to professional theatres will also be included.

• WGS-111 Women, History, & Culture

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Social & Intellectual HST

- **WGS-H111 Women, History, & Culture**

Prerequisites:

At least a 3.3 GPA required.

Credits:

4.00

Description:

Explores the roles and images of women in Western culture and the realities of women's everyday lives through literature, film, history, art, psychology, and recent feminist scholarship. Analyzes gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics include: the social construction of gender and identity; domestic prescriptions for women; women and work; intersections of gender, class, and race in American society; sexualities and identity; the politics of motherhood and reproductive rights; educating girls; negotiating male privilege and structural inequalities; representations of women in Western art and film; and women as artists and gendered models of creativity in art, film, fiction, and science.

Term:

Offered Both Fall and Spring

Type:

Honors

- **WGS-113 Women, Science, & Society**

Credits:

4.00

Description:

Explores women's lives from the perspective of the social and natural sciences, including examination of recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship in these areas. Topics include: the social construction of gender; the psychology and biology of sex and gender; women and work; media representations of women;

the female body and eating disorders; women's health and lifecycle; women and sexuality; reproduction, abortion, and motherhood; and sexual violence against women.

Term:

Offered Both Fall and Spring

- **WGS-115 Introduction to Gender Studies**

Credits:

4.00

Description:

Introduces the key topics and debates that have shaped the field of gender studies, including queer studies, masculinity studies, and women's studies. Through lecture and class discussion of texts from literature, film, history, psychology, and sociology, explores the pervasive influence of gender on the structure of society and our everyday experiences and the role that gender plays in our understanding of love, friendship, sexuality, and even violence. Topics include: biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Term:

Occasional

Type:

Social & Intellectual HST

- **WGS-211 Heroines, Hotties & Hubris: Adolescent Girl's Books**

Credits:

4.00

Description:

Explores what we can learn from the books that teenage girls read. In addition to a wide array of interesting and complex Young Adult novels targeted to young female readers, students will be exposed to theories of adolescent development, literary criticism, and social theory. Topics include how the dilemmas of girlhood have changed or stayed constant and the urge, so common in books for children and teens, to teach kids how to think and behave.

Term:

Occasional

Type:

Studies in Literature

- **WGS-220 Other Worlds, Other Genders: Women and Science Fiction**

Credits:

4.00

Description:

Examines through both classic and contemporary science fiction a variety of possibilities for world-reimagining in the realms of gender, sexuality, race, and other forms of difference. Draws on theories of utopian and dystopian discourse, engages with questions of biology and reproduction, and explores colonialism through first-contact and space empire narratives.

Type:

Studies in Literature

- **WGS-230 Bad Boys: Representations of Masculinity In Popular Culture**

Credits:

4.00

Description:

Examines the social, moral, and political construction of masculinity through an analysis of film and other expressions of popular culture. Using case studies, explores the specific ways in which boys are impacted, stigmatized, and made bad in institutional arenas such as schools, sports, politics, family systems, the military, the workplace, and the criminal justice system.

- **WGS-235 Gender and Sexuality in Visual Culture**

Credits:

4.00

Description:

Explores visual representation of gender and sexuality in film, television, digital media, painting, and sculpture. Through readings in feminist thought and gay studies, by authors such as Kate Bornstein, Donna Haraway, David Halperin, Michel Foucault, and Lisa Cartwright, topics will include: the ways in which normality organizes gender and sexuality; effects of marginality for queer subjects of culture;

popular representations of women and men, heterosexual and homosexual, gender and sexual minority subjects and their effect on our sense of ourselves; issues of identity, community, sexuality, power, and resistance; imagining alternative theories and practices in representing gender and sexuality in contemporary media culture.

- **WGS-311 Engendering Entertainment: Feminism and Popular Culture**

Credits:

4.00

Description:

Investigates the complex intersections between feminism and popular culture through several different lenses: by exploring, how feminists make arguments about popular culture; by looking at the complexities of public femininity in today's popular culture, including figures such as Lady Gaga and Katy Perry and television shows like *The Bachelor* and *Grey's Anatomy*; by focusing on a variety of articulations of feminism within mass media, blogs, social media, and popular books such as Ariel Levy's *Female Chauvinist Pigs*, and Caitlin Moran's *How to Be a Woman*. Along the way we will ask questions about: what makes a work of art feminist; how modern media contributes to or distracts us from a variety of political debates in the realm of female equality and how can we, as individuals, use modern media to create and advance smart, feminist arguments.

Type:

Social & Intellectual HST

- **WGS-315 Feminist Thought**

Credits:

4.00

Description:

Investigates how feminists, both today and in history, have understood inequality and difference and looked for the best ways to address these issues and bring about social justice. Examines how feminist theorists help us to understand how gender and other social categories, such as race, class, sexuality, disability, age and nationality, are constructed within and through each other; and analyzes feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory, as well as consider anti-feminist arguments. Readings include classic critical texts by authors including Mary Wollstonecraft, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler.

Type:

Social & Intellectual HST

- **WGS-325 Global Women's Fiction**

Credits:

4.00

Description:

Explores of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic.

Term:

Occasional

- **WGS-H325 Global Women's Fiction**

Prerequisites:

CAS or SBS Honors Students only or at least 3.3 GPA

Credits:

4.00

Description:

Explores of various cultural worldviews in order to reveal and assess the voices of women from around the world as they respond to important global issues such as sexual violence and gendered oppression. Topics include: national citizenship, sexual politics, legal discourse, aesthetic representation, literary movements, genre, constructions of femininity, sexual identities, and representations of gender in relation to race and class and international cultures, and the relationship of self-image to the body politic.

Term:

Occasional

Type:

Honors

- **WGS-330 Furies to Femi-Nazis: A History of Modern Anti-Feminism**

Credits:

4.00

Description:

Explore the deep antipathy women have faced at nearly every turn in their struggles for civic and social inclusion. Anti-feminist denials of women's rights have taken the form of attacks on women's nature, bodies, and fitness for public life, tagging them with labels of otherness: opponents of women's rights deem them irrational, unnatural, traitors to society, even sexual deviants. This course will examine the dangers that women allegedly represent to social stability from the Enlightenment to the present day, as well as how women have fought back to assert their rights and independence.

• WGS-335 Queer Narratives**Credits:**

4.00

Description:

Explores the stories that help us to understand communities, identities, and bodies that could be considered queer, and the ways that film, music, memoir and fiction have discussed queer as different, unusual, or other. Texts include the documentary, "Paris Is Burning", Frank Ocean's 2012 album, "Channel Orange", and Janet Mock's recent memoir, "Redefining Realness", as well as foundational queer theory from Judith Butler, Eve Kosofsky Sedgwick, and Lee Edelman, among others, to help build a framework for approaching and interpreting both fictional and non-fictional accounts of queer lives.

Type:

Social & Intellectual HST

• WGS-340 Women on Stage**Credits:**

4.00

Description:

Examines the history of female portrayal on the Western stage including women in Shakespeare and other early modern plays (when female characters were played by men); in Restoration comedy; the works of Oscar Wilde and George Bernard Shaw; and 20th and 21st century depictions of women on stage, including in the works of authors such as Lillian Hellman, Lorraine Hansberry, Caryl Churchill, Paula Vogel, Suzan-Lori Parks, Rebecca Gilman, and Sarah Ruhl. Students develop familiarity with key concepts in performance theory including catharsis, Brecht's alienation effect, and the distinction between performance and the performative.

- **WGS-510 Independent Study**

Prerequisites:

An Independent Study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Substantive reading/research in an area of special interest in Women's and Gender Studies, directed by a faculty member in the appropriate academic discipline. Open to Juniors and Seniors by special arrangement with the relevant faculty member and the Director of Women's and Gender Studies. Instructor's permission required.

- **WRI-101 First Year Writing I**

Credits:

4.00

Description:

Study and practice of the writing process and revision in terms of expository writing modes for an academic audience.

- **WRI-L101 Developmental Writing 101 Lab**

Credits:

0.00

Description:

A non credit course for students enrolled in Freshman Composition who need to improve their control of the writing process, English mechanics, and fluency of expression. WRI L101 is a hybrid course that combines online grammar and writing practice with face-to-face support from English instructors.

- **WRI-102 First Year Writing II**

Prerequisites:

WRI-101 or ENG-099 with at least a B and ENG-P099 with a P or WRI-H103

Credits:

4.00

Description:

Study and practice of argumentative and research writing through further work with writing process and revision and the critical reading of a variety of texts.

• **WRI-H103 Advanced First Year Writing**

Prerequisites:

By Invitation Only.

Credits:

4.00

Description:

This course is by invitation only and reserved for incoming Suffolk students with high admission scores. Advanced study and practice of writing process, revision, and research, based on close readings of a variety of texts. Fall semester only.

Type:

Honors