

Suffolk University

Digital Collections @ Suffolk

College of Arts and Sciences and Sawyer
Business School Academic Catalogs

Suffolk University Academic Catalogs

2013

Suffolk University Undergraduate Academic Catalog, College of Arts and Sciences and Sawyer Business School, 2013-2014

Suffolk University

Follow this and additional works at: <https://dc.suffolk.edu/cassbs-catalogs>

Recommended Citation

Suffolk University, "Suffolk University Undergraduate Academic Catalog, College of Arts and Sciences and Sawyer Business School, 2013-2014" (2013). *College of Arts and Sciences and Sawyer Business School Academic Catalogs*. 168.

<https://dc.suffolk.edu/cassbs-catalogs/168>

This Catalog is brought to you for free and open access by the Suffolk University Academic Catalogs at Digital Collections @ Suffolk. It has been accepted for inclusion in College of Arts and Sciences and Sawyer Business School Academic Catalogs by an authorized administrator of Digital Collections @ Suffolk. For more information, please contact dct@suffolk.edu.

2013-2014 Archived Catalog Information

Undergraduate Catalog

This catalog is not an agreement or contract between the student and Suffolk University or any other party or parties and should not be regarded as such. The offerings and requirements contained herein are those in effect at the time of publication. The University reserves the right to change, discontinue, or add academic requirements, courses or programs of study at any time. Such changes may be made without notice, although every effort will be made to provide timely notice to students.

All students are expected to abide by all policies included in the Suffolk University Academic Catalog.

See Also

These links will take you outside the Academic Catalog:

[Admission](#)

Advising - College of Arts & Sciences

Advising - Sawyer Business School

[Bursar](#) - Tuition and Fees

[Financial Aid](#)

[Student Handbook](#)

2013-2014 Archived Catalog Information

Policies

- [Academic Honors](#)
- [Academic Standing](#)
- [Credits](#)
- [Grading](#)
- [Graduation](#)
- [Registration & Attendance](#)
- [Student Record](#)

Students are awarded honors for outstanding academic achievement. Each school determines its own academic criteria for Dean's List.

- **College of Arts and Sciences Honors**

Dean's High Honors List

A student shall be eligible for the Dean's High Honors List in any semester in which his or her grade point average is at least 3.70, and provided he or she receives no grade of "D," "F," or "I," and has earned a minimum of 12 semester-hour credits.

Part-Time Student Dean's High Honors List

A part-time student shall be eligible for the Dean's High Honors List on an annual basis (defined as any courses taken during the Spring, Summer and/or Fall semesters) if his or her grade point average is at least 3.70, the student has earned a minimum of 12 semester-hour credits for the year, and provided he or she receives no grade of "D," "F," or "I."

Dean's Honors List

A student shall be eligible for the Dean's Honors List in any semester in which his or her grade point average is between 3.30 and 3.699 inclusive, and provided he or she receives no grade of "D," "F," or "I," and has earned a minimum of 12 semester-hour credits.

Part-Time Student Dean's Honors List

A part-time student shall be eligible for the Dean's Honors List on an annual basis (defined as any courses taken during the Spring, Summer and/or Fall semesters) if his or her grade point average is between 3.30 and 3.699 inclusive, the student has earned a minimum of 12 semester-hour credits for the year, and provided he or she receives no grade of "D," "F," or "I."

• Sawyer Business School Honors

Full-Time Dean's Honors List

A student who achieves Dean's List honors must be in regular attendance during the appropriate semester, and must have completed a minimum of 12 credits, as a full-time student with a grade point average of 3.3 or higher for the semester. A grade of "D," "F," or "I" disqualifies a student for the Dean's List, regardless of average.

Part-Time Dean's Honors List

To be considered for the Part-Time Dean's List, a student must be in regular attendance during the appropriate semester, and shall have completed a minimum of 6 credits with an average of 3.3 or better for the semester. A grade of "D," "F," or "I" disqualifies a student for the Dean's List, regardless of average. In some cases, full-time students will see their name on the Part-Time Dean's List.

• 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.

Graduation Honors, Transfer Students

Transfer students with fewer than 60 semester hours at Suffolk University are recognized for high academic achievement. Transfer students who have completed 45– 59 semester hours of Suffolk University courses (courses for which a student receives credit through CLEP examinations may not be counted toward this minimum of 45 semester hours) are eligible for the following honors:

- Highest Distinction, for transfer students who have met the credit residency requirement stipulated above, have a cumulative grade point average of at least 3.85 and have no grades of "F" or "I."
- High Distinction, for transfer students who have met the credit residency requirement stipulated above, have a cumulative grade point average of at least 3.7 and have no grades of "F" or "I."
- Distinction, for transfer students who have met the credit residency requirement stipulated above, have a cumulative grade point average 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 and 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 and 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](#)

Advising - College of Arts & Sciences

Advising - Sawyer Business School

[Bursar](#) - Tuition and Fees

[Financial Aid](#)

[Student Handbook](#)

2013-2014 Archived Catalog Information

Policies

- [Academic Honors](#)
- [Academic Standing](#)
- [Credits](#)
- [Grading](#)
- [Graduation](#)
- [Registration & Attendance](#)
- [Student Record](#)

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 by mail of any actions taken by the Academic Standing Committees.

As a part of our Academic Standing, the following review processes are completed after every semester.

Warning Status:

Sawyer Business students whose overall GPA is above 2.0 but fail to achieve a semester GPA of 2.0 will receive a warning letter. College of Arts and Sciences students whose overall GPA is above a 2.0, but who fail to achieve a semester GPA of 2.0 for two consecutive semesters will receive a warning letter.

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", "L", 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 in writing 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.

Extracurriculars: 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: Please note that the academic standing review is an academic process and is separate from the guidelines from the federal government that manage access to student aid. It is possible to be allowed to continue at a university academically and not be allowed to continue to receive financial aid. 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.

• Re-Admission Application

Applying to Return to the University

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 for the future.

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

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

Sharon Lenzie, Assistant Dean
College of Arts and Sciences
41 Temple Street
Boston, Ma 02114
Phone: 617-573-8268 
slenzie@suffolk.edu

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

Lauren Mahoney, Assistant Dean
Sawyer Business School, Undergraduate Programs
8 Ashburton Place, Boston, MA 02108-2770.
Phone: 617-573-8345 
lmahoney@suffolk.edu

Fresh Start

In the College of Arts and Sciences, 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 under the Fresh Start Program.

If approved, all Suffolk work completed prior to readmission will be reevaluated. Only course work with a grade of "C" or better, earned prior to readmission, is listed on the new transcript and counted for credit toward the degree. The grade point average is computed solely on work attempted after reinstatement. The handling of grades and credits reflects the policy governing the awarding of credits to students transferring work to Suffolk from another college into Suffolk.

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.

• **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 and Sciences and Sawyer Business School.

These links will take you outside the Academic Catalog:

[Admission](#)

Advising - College of Arts & Sciences

Advising - Sawyer Business School

[Bursar](#) - Tuition and Fees

[Financial Aid](#)

[Student Handbook](#)

2013-2014 Archived Catalog Information

Policies

- [Academic Honors](#)
- [Academic Standing](#)
- [Credits](#)
- [Grading](#)
- [Graduation](#)
- [Registration & Attendance](#)
- [Student Record](#)

• Credit Hour Definition

At Suffolk, a “credit hour” is defined 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 no less than:

- One hour of classroom or direct faculty instruction plus a minimum of two hours of student work out of the classroom each week for fifteen weeks for one semester hour of credit or an equivalent amount of work over a different amount of time; or
- 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 a credit hour.”

• 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 1pm– 2:15 pm 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 Ballotti Learning Center administers the CLEP program.

• Course Loads

Federal financial aid regulations stipulate a student must be enrolled in at least 12 credits per semester to be considered full-time and at least 6 credits per semester to be considered half-time. Summer session full-time status is based upon combined 12 credits over all summer modules or sessions. 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 and spring terms are listed in the table below:

	Full-time	Half-time	Less Than Half-Time
Undergraduate and Graduate	12-17 credits	6-11 credits	<6 credits

Restrictions: ESL students can take a maximum of 3 credits. ELI students can only take 0 credit courses.

Enrollment statuses for summer session are listed in the table below:

	Full-Time	Half-Time	Less Than Half-Time
Undergraduate and Graduate	12-17 credits	6-11 credits	<6 credits

• 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.

College of Arts and Sciences

Students who feel their situation warrants an exception must apply through the dean of the College of Arts and Sciences.

Sawyer Business School

Students who feel their situation warrants an exception must apply online through the Business School's Undergraduate Programs Office. Petitions must be received at least two weeks prior to the start of Suffolk University semesters (spring, summer, fall, or winter).

Once matriculated, a student may apply to take no more than two courses of outside coursework during the BSBA degree program. Most upper-level business courses are not applicable.

• 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](#) their academic dean's office for approval.

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

College of Arts and Sciences Policy

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 through an approved [Independent Study form](#). 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.
- 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.

Sawyer Business School Policy

The purpose of an independent study is to provide students with unique research opportunities to supplement the curriculum. This student-initiated work is done in conjunction with an individual faculty member. Students are responsible for developing a robust rigorous proposal, and for finding a full-time faculty member to supervise it. The faculty member may suggest readings/direction that helps further develop the research proposal. However, students must do preliminary work outlining their ideas (e.g., research questions, bibliography) before meeting the professor, so as to show their motivation and that they have foundational knowledge on the topic they are proposing to research. Independent studies may be proposed for 1 to 3 credits and are to be completed within one semester.

Proposals must detail the following: (1) a title for the project, which is unique to the student's research; (2) the academic goals of the project including a list of the research questions the student will explore; (3) an explanation and detailed description of the activities the student will engage in to research these questions; (4) a list of assignments/deliverables, a timeline of due dates, and a description of the anticipated direct contact hours between faculty/student; (5) an explanation of how the independent study grade will be calculated (e.g., what % of the grade is allocated to each deliverable); and (6) a preliminary bibliography of articles and books that will be read.

The policies with respect to independent study credits are as follows:

- Undergraduates must have junior and senior standing and a GPA of 3.0 or higher.
- Independent Study proposals cannot replace 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 FIVE business days before the end of the add/drop period for the semester you plan to complete an Independent Study. This requires both the faculty and Department Chairperson signatures on the proposal **prior to** the deadline. If the Dean's Office denies the proposal and sufficient time remains within the deadline window, the student may submit a revised proposal with faculty approval.
- Only full-time faculty are allowed to supervise independent studies.

Please refer to the [SBS Independent Study Agreement and Proposal form](#).

• 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.

• 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: SBS

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 310	FIN 315, FIN 410, or FIN 311
FIN 315	FIN 413
ISOM 310	ISOM 313
ISOM 313	ISOM 423
ISOM 423	ISOM 424
MGT 317	MGT 313, MGT 330 or MGT 331

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 Business School Undergraduate Programs Office, 617-573-8345.

See Also

These links will take you outside the Academic Catalog:

[Admission](#)

Advising - College of Arts & Sciences

Advising - Sawyer Business School

[Bursar](#) - Tuition and Fees

[Financial Aid](#)

2013_2014

2013_2014

2013_1

2013-2014 Archived Catalog Information

Policies

- [Academic Honors](#)
- [Academic Standing](#)
- [Credits](#)
- [Grading](#)
- [Graduation](#)
- [Registration & Attendance](#)
- [Student Record](#)

• 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.

"L" (Lost) is awarded when a student's name appears on a roster, but the student never appears in class or disappears before being formally evaluated by the instructor.

"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. It is the student's responsibility to inform the instructor that he/she is auditing the course during the first two weeks of classes. 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 Juniors and Seniors in good academic standing and to those Junior and Senior transfer students 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 may not be used for courses that fulfill general college requirements or major or minor requirements. The pass/fail option is only applicable to elective courses.

Students will designate courses as Pass-Fail at the time of registration. 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.

• Academic Complaints

A student who [disputes an academic evaluation](#) should bring this to the attention of the instructor and to the department chair. If unsatisfied after a conference, the student may bring the issue to the Dean of Students, whose recommendation shall be considered by the college academic dean in which the course is offered; this decision shall be final.

• Undergraduate Academic Honesty

Academic Honesty Policy

Suffolk University fosters engaged learning, rigorous scholarship and innovative thinking in our students, faculty, staff and programs. Academic honesty in one's work, words, ideas and actions are central to this vision. We are committed to academic freedom, the intellectual exchange of ideas and the development of knowledge which can only be achieved when academic integrity is present.

Overview

Students are expected to conduct themselves with integrity. In classrooms and laboratories, at internships, in libraries and in study groups and academic teams, cultivating and practicing honesty lays a foundation for lifelong integrity. Making honest, ethical choices is a necessary step in establishing communities of trust. Academic dishonesty includes four general types of inappropriate behavior: cheating, plagiarism, dishonest conduct and collusion/unauthorized collaboration. Academic dishonesty is not limited to the following examples:

Prohibited Conduct

Cheating on examinations, plagiarism, and/or improper acknowledgement of sources in essays or research papers, using unauthorized materials, prepared answers, teacher's manuals, study guides or written notes, unauthorized collaboration on homework or computer assignments and the use of a single essay or paper in more than one course, without the permission of the instructor, constitute unacceptable academic conduct. It is dishonest to buy, sell, download, borrow, or lend papers or to copy material from computer resources. It is unacceptable to make up or falsify data that are supposed to be collected from survey, experimentation, or other means. Work that is represented as yours should be your own; if not, the source should be properly identified. This applies to lab reports, computer projects, and group projects as well as to individual assignments. Copying and pasting material from the Internet or other sources without proper citation is prohibited. Lack of knowledge or ignorance of how to properly cite sources is not an acceptable excuse. Using cell phones, calculators or other electronic means when not approved is prohibited.

If the course expectations around academic integrity are not clear, students are encouraged to seek clarification from the instructor early in the course schedule.

Instructors who suspect academic dishonesty should report incidents to the Office of Student Affairs. Reports will be addressed through the Community Standards and the Student Discipline System. An undergraduate student who has been found to have violated this policy is subject to a range of sanctions as outlined in the Community Standards and Student Discipline System.

- **Early Alert**

[Early Alert](#) identifies students who may be in academic risk at the mid-semester point. Faculty identify students who are at risk of failing a course due to high absenteeism, poor study habits, weak communication skills, second language issues, etc. University staff conduct outreach to students regarding early alerts. Students are encouraged to seek appropriate services on campus to help them with any academic problems they may have.

- **Final Examinations**

Final evaluations are required in all regular courses during the final examination period unless waived by the department chair and the Dean. 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," "PC" and "L" 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 concentration are required for graduation. Students are required to monitor their average in their major and minor. Should a student receive less than a "C" in a major course, the student must make an appointment with his or her advisor to discuss the suitability of the major. The Academic Standing Committee forwards the names of majors at risk to the academic departments.

- **Repeating A Course**

Students may retake any course for credit by paying the appropriate tuition. All grades will be recorded permanently on a student's record. 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, L, 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:

[Admission](#)

Advising - College of Arts & Sciences

Advising - Sawyer Business School

[Bursar](#) - Tuition and Fees

[Financial Aid](#)

[Student Handbook](#)

2013-2014 Archived Catalog Information

Policies

- [Academic Honors](#)
- [Academic Standing](#)
- [Credits](#)
- [Grading](#)
- [Graduation](#)
- [Registration & Attendance](#)
- [Student Record](#)

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 and 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
- Complete at least 45 semester hours of coursework at Suffolk in order to be considered for transfer 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 meeting the following conditions may also participate in commencement exercises, if they:

- Are within three courses of fulfilling their requirements
- Have met all other requirements for graduation (see Eligibility for Degree)
- Are registered for all remaining courses in the summer session

File the appropriate petitions in the Registrar's office. Completed petitions will be reviewed by the Registrar and the respective dean for approval.

It is critical that students have the required 2.0 GPA at the time of commencement in order to participate in the ceremony. In the event that a student has not completed all the required courses for graduation, he/she must arrange to complete the outstanding work in the Suffolk summer sessions immediately following graduation.

• Graduating with Honors

See [Academic Honors](#).

• Substitutions & Waivers

CAS students may file a petition for a degree requirement substitution with their academic advisor and major department chair. The academic department chair and CAS Dean's Office must approve requirement substitutions. Only the CAS Dean's Office may waive a degree requirement for CAS students.

SBS students may file a petition for a degree requirement substitution or waiver with the Office of Undergraduate Programs, Sawyer Business School. All requests are reviewed according to major, degree, and accreditation requirements.

See Also

These links will take you outside the Academic Catalog:

[Admission](#)

Advising - College of Arts & Sciences

Advising - Sawyer Business School

[Bursar](#) - Tuition and Fees

[Financial Aid](#)

[Student Handbook](#)

2013-2014 Archived Catalog Information

Policies

- [Academic Honors](#)
- [Academic Standing](#)
- [Credits](#)
- [Grading](#)
- [Graduation](#)
- [Registration & Attendance](#)
- [Student Record](#)

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

Except in special cases, registration is closed after the first full week of classes in any semester. [Late registration fees](#) apply to any registration submitted once the term begins.

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. Any course addition after the first week must have [written permission](#) of the faculty member. Refer to the [academic calendar](#) for add and drop dates.

Pass/Fail

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 Juniors and Seniors in good academic standing and to those Junior and Senior transfer students 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 may not be used for courses that fulfill general college requirements or major or minor requirements. The pass/fail option is only applicable to elective courses.

Students will designate courses as Pass-Fail at the time of registration. 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.

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. It is the student's responsibility to inform the instructor that he/she is auditing the course during the first two weeks of classes. 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**

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. A leave of absence is granted through the Office of Student Affairs. Courses taken at other institutions while a student is on a leave of absence may not be transferred back to Suffolk University for credit. 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.

- **Withdrawal**

If it becomes necessary for a student to withdraw from the University, the student is expected to complete an [official withdrawal form](#) available from the Office of Student Affairs. It is the student's responsibility to notify the University if they plan to withdraw. If you have questions, please call the Office of Student Affairs.

[Tuition liability](#) will be based on the date in which the withdrawal form is received by the Office of Student Affairs. Non-attendance does not constitute official withdrawal or dropping of a course.

See Also

These links will take you outside the Academic Catalog:

[Admission](#)

Advising - College of Arts & Sciences

Advising - Sawyer Business School

[Bursar](#) - Tuition and Fees

[Financial Aid](#)

[Student Handbook](#)

2013-2014 Archived Catalog Information

Policies

- [Academic Honors](#)
- [Academic Standing](#)
- [Credits](#)
- [Grading](#)
- [Graduation](#)
- [Registration & Attendance](#)
- [Student Record](#)

Student Class

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

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.

Transcripts

See [Transcripts](#).

See Also

These links will take you outside the Academic Catalog:

[Admission](#)

Advising - College of Arts & Sciences

Advising - Sawyer Business School

[Bursar](#) - Tuition and Fees

2013-2014 Archived Catalog Information

College of Arts & Sciences

College of Arts and 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.

2013-2014 Archived Catalog Information

Degrees

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

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

Each academic department shall specify whether students majoring in that department shall meet the requirements of 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.

• Degree Requirements

Within the semester-hour requirements for bachelor's and associate's degrees, certain courses and options must be taken as requisites to the degrees. These requirements are in two categories: 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. Major Requirements provide the specialized knowledge, training and experience necessary in preparing for a career or vocation.

To complete any major in CAS, students are required to take a minimum of 12 semester hours of courses in their major department at Suffolk University. Students must achieve a minimum 2.0 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. These courses count only once toward the 126-hour requirement for bachelor's degrees (124-hour requirement for the BFA) and the 64-hour requirement for associate's 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 and Sciences. Semester-hour credit is not granted for such exemptions.

Students should have finished ENG 101 and 102 or authorized equivalents by the time they have reached 64 credits. Delaying the English requirement may impair performance in upper division courses and make it difficult

to graduate on schedule. Upper division students who have not completed all English 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. Choosing a major is a serious decision, since it will have a significant impact on a student's future. 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 change majors need to obtain a "[Change of Major Form](#)" at either the Office of the Registrar or the Office of Undergraduate Advising. This form should be brought to the new major department for advisor assignment. The form is then submitted by either the new department or by the student to the Office of the Registrar.

• Double Majors

Double majors are permitted, provided: 1) The two majors are in two different departments in the College of Arts and Sciences. (The departments of Humanities/Modern Languages and Computer Science/Mathematics are joint departments but should be considered to be two separate departments when interpreting this requirement. Similarly, the Graphic Design/Fine Arts and Graphic Design/Interior Design programs at NESAD should be considered as separate departments for the purposes of double majors.); 2) The student has completed 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 which interrelates (where possible) the two proposed major disciplines. At some point after the freshmen 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. For double major candidates, courses taken as complementary major requirements in one major department may be used to satisfy major requirements in the second major department.

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 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.

*Students must fulfill the 45 credit residency requirement.

*Students should contact the financial aid office to determine eligibility for aid.

• Minor Programs

Any department within the College of Arts and Sciences may establish a formal minor program. A department's minor program shall be available to any student not majoring in that department.

The departments of Communication/Journalism, Mathematics/Computer Science, and World Languages/Cultural Studies should each be considered to be two separate departments. Similarly, the Fine Arts, Foundation, Graphic Design, Illustration, and Interior Design programs at NESAD 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.

A minor program is optional for any student, and is not required for graduation. A student should consult as early as possible with his/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 of 2.0 in their minor.

Students must complete a minimum of 8 credits within their minor department at Suffolk University.

• Business Minors for College Students

A College of Arts and Sciences student seeking a Business Minor should consult with the Undergraduate Programs Office, Sawyer Business School, for advising. 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 and Sciences students:

The General Business Minor (15 credits) appeals to students who choose to develop a basic understanding and appreciation of business administration.

The Functional Business Minor (12– 22 credits) is for College 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 and Sciences. By transferring prior coursework to satisfy the all-college requirements, and 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 undergraduate admissions office. A candidate will be referred to the appropriate department chair for advice. The admissions office 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 work and satisfy any outstanding general all-college 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 and Sciences offers an Associate of Arts (AA) degree, an Associate of Science (AS) degree, and an Associate of Science in Paralegal Studies (ASPS) degree.

2013-2014 Archived Catalog Information

Associate of Arts Degree

Requirements for the Associate of Arts Degree

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

I. Core Requirements

a. [Seminar for Freshmen](#) (4 HRS) (Students with 15+ transfer credits of college or university work are exempt.)

b. Freshman Writing (8 HRS)

ENG 101 and ENG 102

(A student may be assigned to other English courses or may be invited to take ENG 103.)

c. Literature (4 HRS)

Choose one course from those listed below:

English: ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, ENG 218

Women's and Gender Studies: WGS 325

World Languages and Cultural Studies: FR 216, FR 309, FR 310, GER 216, GER 218, GER 310, HUM 260, HUM 350, SPAN 300, SPAN 390, SPAN 401, SPAN 402, SPAN 404, SPAN 405, SPAN 407, SPAN 413, SPAN 414, SPAN 416, SPAN 418

d. Math (4 HRS)

Choose any Math course at level 130 or higher.

e. Ethical and Philosophical Inquiry (4 HRS)

PHIL 119 or PHIL 123 or PHIL 127

f. Humanities/History (4 HRS)

Choose one course from those listed below:

American Studies: AMST 111

Black Studies: BLKST 100

Communication: CJN 114, CJN 218, CJN 226, CJN 227, CJN 289, CJN 290, CJN 326, CJN 366, CJN 413, CJN 485

English: ENG 113, ENG 114, ENG 121, ENG 123, ENG 124, ENG 250

History: Any History course

NESAD: ADF 181, ADF 182, ADFA 306, ADFA 344, ADFA 345, ADFA 346, ADI 221, ADI 222, ADG 224

Philosophy: PHIL 113, PHIL 115, PHIL 210, PHIL 211, PHIL 219, PHIL 223, PHIL 225, PHIL 250, PHIL 253, PHIL 255, PHIL 260, PHIL 261

Theatre: THETR 225, THETR 226, THETR 227, THETR 310, THETR 331, THETR 374, THETR 389, THETR 489

Women's and Gender Studies: WGS 111

World Languages and Cultural Studies: FR 301, FR 302, FR 320, FR 410, GER 301, GER 302, GER 306, GER 412, GER 420, SPAN 301, SPAN 302, SPAN 408, SPAN 409, SPAN 412, and any course with a HUM, ARH or MUH designator, with the exception of HUM 120 and HUM 121

g. Language (8 HRS)

Choose any two courses taught in one language other than English offered by the Humanities and Modern Languages Department.

h. Social Science (4 HRS)

Choose one course from those listed below:

Communication: CJN 255, CJN 285, CJN 286, CJN 287, CJN 375, CJN 400

Economics: Any Economics course except EC 431 and EC 460

Education and Human Services: Any 100, 200, or 400- Level EHS course, and EHS 310, 311, 312, 313, 362, 363, 396

German: GER 419

Government: Any Government course except GVT 201

Psychology: Any Psychology course except PSYCH 215

Sociology: SOC 113, SOC 116/216, SOC 217, SOC 223, SOC 236, SOC 264

Women's and Gender Studies: WGS 113

i. Sciences (8 HRS)

Choose two science courses. At least one must include a laboratory. Courses do not need to be in a sequence.

Biology: BIO 101/L101, BIO 102/L102, BIO 104/L104 (offered only at Madrid Campus), BIO 105, BIO 106, BIO 107

Chemistry: CHEM 101/L101, CHEM 102/L102, CHEM 103, CHEM 111/L111, CHEM 112/L112, SCI 123

Environmental Science: SCI 103/L103, SCI 104/L104, ENVS 111/L111, ENVS 112/L112

Neuroscience: NEUR 101

Physics: PHYS 111/L111, PHYS 112/L112, PHYS 151/L151, PHYS 152/L152

Science: SCI 101/L101, SCI 102/L102, SCI 108, SCI 111/L111, SCI 112/L112, SCI 161, SCI 171, SCI 172/L172, SCI 173/L173, SCI 181, SCI 182, SCI 183/L183, SCI 184/L184

SCI 251/L251, SCI 301/ L301, *Notes:*

1. Some Science Division courses may have math or computer science prerequisites. Many have other science prerequisites. See course descriptions in this catalog to select appropriate courses.

2. Students may take CHEM 101/L101 or CHEM 111/L111, but not both, and they may take CHEM 102/L102 or CHEM 112/L112, but not both. CHEM 111/L111 and CHEM 112/L112 are only open to science and engineering majors.

3. Students cannot take both SCI 103/L103 and ENVS 111/L111 or both SCI 104/L104 and ENVS 112/L112.

II. Free Electives (16 HRS)

III. Cultural Diversity Requirement (4 HRS)

Choose one course from Group A or one course from Group B

Cultural Diversity **Group A** (4 HRS)

or

Cultural Diversity **Group B** (4 HRS)

The Cultural Diversity Requirement is fulfilled by taking courses bearing the Cultural Diversity Designation. Courses that satisfy the Cultural Diversity Requirement are identified in the course bulletin after the course description and are listed on the Academic Advising website. Cultural Diversity Courses may simultaneously fulfill Core Requirements, Major

Requirements, Complementary Major Requirements, Minor Requirements (see Department Listings) or may be used as electives.

Minimum Total Credits Required for Graduation (64 HRS)

Carefully review the requirements for a degree in your major with your advisor before selecting courses.

2013-2014 Archived Catalog Information

Associate of Science Degree

Requirements for the Associate of Science Degree

The AS degree program requires the successful completion of the following courses.

I. Core Requirements

a. [Seminar for Freshmen](#) (4 HRS) (Students with 15+ transfer credits of college or university work are exempt.)

b. Freshman Writing (8 HRS)

ENG 101 and ENG 102

(A student may be assigned to other English courses or may be invited to take ENG 103.)

c. Literature (4 HRS)

Choose one course from those listed below:

English: ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, ENG 218

Women's and Gender Studies: WGS 325

World Languages and Cultural Studies: FR 216, FR 309, FR 310, GER 216, GER 218, GER 310, HUM 260, HUM 350, SPAN 300, SPAN 390, SPAN 401, SPAN 402, SPAN 404, SPAN 405, SPAN 407, SPAN 413, SPAN 414, SPAN 416, SPAN 418

d. Math (4 HRS)

Choose any Math course at level 130 or higher.

e. Quantitative Reasoning (4 HRS)

Choose one course from those listed below:

Biology: BIO 273

Communication: CJN 210

Computer Science: Any CMPSC Course

Economics: EC 431, EC 460

Government: GVT 201

Philosophy: PHIL 212

Psychology: PSYCH 215

Sociology: SOC 212

Statistics: STATS 250

f. Ethical and Philosophical Inquiry (4 HRS)

PHIL 119 or PHIL 123 or PHIL 127

g. Humanities/History (8 HRS)

Choose two courses from those listed below:

American Studies: AMST 111

Black Studies: BLKST 100

Communication: CJNI 114, CJNI 218, CJNI 226, CJNI 227, CJNI 289, CJNI 290, CJNI 326, CJNI 366, CJNI 413, CJNI 485

English: ENG 113, ENG 114, ENG 121, ENG 123, ENG 124, ENG 250

History: Any History course

NESAD: ADF 181, ADF 182, ADFA 306, ADFA 344, ADFA 345, ADFA 346, ADI 221, ADI 222, ADG 224

Philosophy: PHIL 113, PHIL 115, PHIL 210, PHIL 211, PHIL 219, PHIL 223, PHIL 225, PHIL 250, PHIL 253, PHIL 255, PHIL 260, PHIL 261

Theatre: THETR 225, THETR 226, THETR 227, THETR 310, THETR 331, THETR 374, THETR 389, THETR 489

Women's and Gender Studies: WGS 111

World Languages and Cultural Studies: FR 301, FR 302, FR 320, FR 410, GER 301, GER 302, GER 306, GER 412, GER 420, SPAN 301, SPAN 302, SPAN 408, SPAN 409, SPAN 412, and any course with a HUM, ARH or MUH designator, with the exception of HUM 120 and HUM 121

h. Social Science (4 HRS)

Choose one course from those listed below:

Communication: CJNI 255, CJNI 285, CJNI 286, CJNI 287, CJNI 375, CJNI 400

Economics: Any Economics course except EC 431 and EC 460

Education and Human Services: Any 100, 200, or 400- level EHS course, and EHS 310, 311, 312, 313, 362, 363, 396

Government: Any Government course except GVT 201

German: GER 419

Psychology: Any Psychology course except PSYCH 215

Sociology: SOC 113, SOC 116/216, SOC 217, SOC 223, SOC 236, SOC 264

Women's and Gender Studies: WGS 113

i. Sciences (8 HRS)

Two courses with laboratories. Courses do not need to be in a sequence.

Biology: BIO 101/L101, BIO 102/L102, BIO 104/L104 (offered only at Madrid Campus)

Chemistry: CHEM 101/L101, CHEM 102/L102, CHEM 111/L111, CHEM 112/L112

Environmental Science: SCI 103/L103, SCI 104/L104, ENVS 111/L111, ENVS 112/L112

Physics: PHYS 111/L111, PHYS 112/L112, PHYS 151/L151, PHYS 152/L152

Science: SCI 101/L101, SCI 102/L102, SCI 111/L111, SCI 112/L112, SCI 172/L172, SCI 173/L173, SCI 183/L183, SCI 184/L184, SCI 251/L251, SCI 301/L301

Notes:

1. Some Science Division courses may have math or computer science prerequisites. Many have other science prerequisites. See course descriptions in this catalog to select appropriate courses.

2. Students may take CHEM 101/L101 or CHEM 111/L111, but not both, and they may take CHEM 102/L102 or CHEM 112/L112, but not both. CHEM 111/L111 and CHEM 112/L112 are only open to science and engineering majors.

3. Students cannot take both SCI 103/L103 and ENVS 111/L111 or both SCI 104/L104 and ENVS 112/L112.

II. Free Electives (16 HRS)

III. Cultural Diversity Requirement (4 HRS)

Choose one course from Group A or one course from Group B

Cultural Diversity **Group A** (4 HRS)

or
Cultural Diversity **Group B** (4 HRS)

The Cultural Diversity Requirement is fulfilled by taking courses bearing the Cultural Diversity Designation. Courses that satisfy the Cultural Diversity Requirement are identified in the course bulletin after the course description and are listed on the Academic Advising website. Cultural Diversity Courses may simultaneously fulfill Core Requirements, Major Requirements, Complementary Major Requirements, Minor Requirements (see Department Listings) or may be used as electives.

Minimum Total Credits Required for Graduation (64 HRS)

Carefully review the requirements for a degree in your major with your advisor before selecting courses.

2013-2014 Archived Catalog Information

Associate of Science in Paralegal Studies Degree

Requirements for the Associate of Science in Paralegal Studies Degree

The ASPS degree program requires the successful completion of the following courses.

I. Core Requirements

a. [Seminar for Freshmen](#) (4 HRS) (Students with 15+ transfer credits of college or university work are exempt.)

b. Freshman Writing (8 HRS)

ENG 101 and ENG 102

(A student may be assigned to other English courses or may be invited to take ENG 103.)

c. Math or Quantitative Reasoning (4 HRS)

Choose any Math course at level 130 or higher, or choose one course from those listed below:

Biology: BIO 273

Communication: CJN 210

Computer Science: Any CMPSC Course

Economics: EC 431, EC 460

Government: GVT 201

Philosophy: PHIL 212

Psychology: PSYCH 215

Sociology: SOC 212

Statistics: STATS 250

d. Ethical and Philosophical Inquiry (4 HRS)

PHIL 119 or PHIL 123 or PHIL 127

e. Humanities/History (4 HRS)

Choose two courses from those listed below:

American Studies: AMST 111

Black Studies: BLKST 100

Communication: CJN 114, CJN 218, CJN 226, CJN 227, CJN 289, CJN 290, CJN 326, CJN 366, CJN 413, CJN 485

English: ENG 113, 114, 121, 123, 124, 250

History: Any History course

NESAD: ADF 181, ADF 182, ADFA 306, ADFA 344, ADFA 345, ADFA 346, ADI 221, ADI 222, ADG 224

Philosophy: PHIL 113, PHIL 115, PHIL 210, PHIL 211, PHIL 219, PHIL 223, PHIL 225, PHIL 250, PHIL 253, PHIL 255, PHIL 260, PHIL 261

Theatre: THETR 225, THETR 226, THETR 227, THETR 310, THETR 331, THETR 374, THETR 389, THETR 489

Women's and Gender Studies: WGS 111

World Languages and Cultural Studies: FR 301, FR 302, FR 320, FR 410, GER 301, GER 302, GER 306, GER 412, GER 420, SPAN 301, SPAN 302, SPAN 408, SPAN 409, SPAN 412, and any course with a HUM, ARH or MUH designator, with the exception of HUM 120 and HUM 121

f. Social Science (4 HRS)

EHS 362

g. Sciences (8 HRS)

Two courses with laboratories. Courses do not need to be in a sequence.

Biology: BIO 101/L101, BIO 102/L102, BIO 104/L104 (offered only at Madrid Campus)

Chemistry: CHEM 101/L101, CHEM 102/L102, CHEM 111/L111, CHEM 112/L112

Environmental Science: SCI 103/L103, SCI 104/L104, ENVS 111/L111, ENVS 112/L112

Physics: PHYS 111/L111, PHYS 112/L112, PHYS 151/L151, PHYS 152/L152

Science: SCI 101/L101, SCI 102/L102, SCI 111/L111, SCI 112/L112, SCI 172/L172, SCI 173/L173, SCI 183/L183, SCI 184/L184, SCI 251/L251, SCI 301/L301

Notes:

1. Some Science Division courses may have math or computer science prerequisites. Many have other science prerequisites. See course descriptions in this catalog to select appropriate courses.
2. Students may take CHEM 101/L101 or CHEM 111/L111, but not both, and they may take CHEM 102/L102 or CHEM 112/L112, but not both. CHEM 111/L111 and CHEM 112/L112 are only open to science and engineering majors.
3. Students cannot take both SCI 103/L103 and ENVS 111/L111 or both SCI 104/L104 and ENVS 112/L112.

II. Major Requirements (8 HRS)

III. Cultural Diversity Requirement (4 HRS)

Choose one course from Group A or one course from Group B.

Cultural Diversity **Group A** (4 HRS)

or

Cultural Diversity **Group B** (4 HRS)

The Cultural Diversity Requirement is fulfilled by taking courses bearing the Cultural Diversity Designation. Courses that satisfy the Cultural Diversity Requirement are identified in the course bulletin after the course description and are listed on the Academic Advising website. Cultural Diversity Courses may simultaneously fulfill Core Requirements, Major Requirements, Complementary Major Requirements, Minor Requirements (see Department Listings) or may be used as electives.

Minimum Total Credits Required for Graduation (64 HRS)

Carefully review the requirements for a degree in your major with your advisor before selecting courses.

2013-2014 Archived Catalog Information

Bachelor in General Studies

Bachelor in General Studies (BGS)

The Bachelor in General Studies 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 the 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 Admissions Office, a department chairperson in the proposed Interdepartmental Cluster, and the director of undergraduate advising prior to enrolling in this degree program.

Composition of the Interdepartmental Clusters:

Humanities:

- Communication and Journalism (courses as designated by the department)
- Theatre Arts
- English
- History
- World Languages and Cultural Studies
- Philosophy
- Women's and Gender Studies (courses with a humanities focus)

Social Sciences:

- Communication and Journalism (courses as designated by the department)
- Economics
- Education and Human Services
- Government
- History (Note: Can be used by transitional students only)
- Psychology
- Sociology
- Women's and Gender Studies (courses with a social science focus)

Life Sciences:

- Biology

- Chemistry
- Medical Biophysics
- Radiation Biology

Physical Sciences:

- Chemistry
- Computer Science
- Electrical and Computer Engineering
- Environmental Engineering
- Environmental Studies
- Mathematics
- Physics

Visual Arts:

- Art
- Graphic Design
- Art History
- Illustration
- Interior Design
- Foundation

2013-2014 Archived Catalog Information

Bachelor of Arts Degree

Requirements for the Bachelor of Arts Degree

All BA degree programs require the successful completion of the following courses.

I. Core Requirements

a. [Seminar for Freshmen](#) (4 HRS) (Students with 15+ transfer credits of college or university work are exempt.)

b. **Freshman Writing (8 HRS)**

ENG 101 and ENG 102

(A student may be assigned to other English courses or may be invited to take ENG 103.)

c. **Literature* (4 HRS)**

Choose one course from those listed below:

English: ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, ENG 218

Women's and Gender Studies: WGS 325

World Languages and Cultural Studies: FR 216, FR 309, FR 310, GER 216, GER 218, GER 310, HUM 260, HUM 350, SPAN 300, SPAN 390, SPAN 401, SPAN 402, SPAN 404, SPAN 405, SPAN 407, SPAN 413, SPAN 414, SPAN 416, SPAN 418

d. **Math* (4 HRS)**

Choose any Math course at level 130 or higher.

e. **Ethical and Philosophical Inquiry* (4 HRS)**

PHIL 119 or PHIL 123 or PHIL 127

f. **Humanities/History* (4 HRS)**

Choose one course from those listed below:

American Studies: AMST 111

Black Studies: BLKST 100

Communication: CJN 114, CJN L218, CJN 218, CJN 226, CJN 227, CJN 290, CJN 291, CJN 325, CJN 366, CJN 413, CJN 485

English: ENG 113, ENG 114, ENG 121, ENG 123, ENG 124, ENG 250

History: Any History course

NESAD: ADF 181, ADF 182, ADFA 306, ADFA 344, ADFA 345, ADFA 346, ADI 221, ADI 222, ADG 224

Philosophy: PHIL 113, PHIL 115, PHIL 210, PHIL 211, PHIL 219, PHIL 223, PHIL 225, PHIL 250, PHIL 253, PHIL 255, PHIL 260, PHIL 261

Theatre: THETR 225, THETR 226, THETR 227, THETR 260, THETR 265, THETR 310, THETR 331, THETR 374, THETR 389

Women's and Gender Studies: WGS 111

World Languages and Cultural Studies: FR 301, FR 302, FR 320, FR 410, GER 301, GER 302, GER 306, GER 412, GER 420, SPAN 301, SPAN 302, SPAN 408, SPAN 409, SPAN 412, and any course with a HUM, ARH or MUH designator, with the exception of HUM 120 and HUM 121

g. Language* (8 HRS)

Choose any two courses taught in one language other than English offered by the World Languages and Cultural Studies Department.

h. Social Science* (4 HRS)

Choose one course from those listed below:

Communication: CJN 255, CJN 285, CJN 286, CJN 287, CJN 375, CJN 400

Economics: Any Economics course except EC 431 and EC 460

Education and Human Services: Any 100, 200, or 400-level EHS course, and EHS 310, 311, 312, 313, 362, 363, 396

German: GER 419

Government: Any Government course except GVT 201

Psychology: Any Psychology course except PSYCH 215

Sociology: SOC 113, SOC 116/216, SOC 217, SOC 223, SOC 224, SOC 236, SOC 264

Women's and Gender Studies: WGS 113

i. Sciences* (8 HRS)

Choose two science courses. At least one must include a laboratory. Courses do not need to be in a sequence.

Biology: BIO 101/L101, BIO 102/L102, BIO 104/L104 (offered only at Madrid Campus), BIO 105, BIO 106, BIO 107, BIO 109

Chemistry: CHEM 101/L101, CHEM 102/L102, CHEM 103, CHEM 111/L111, CHEM 112/L112

Environmental Science: SCI 103/L103, SCI 104/L104, ENVS 111/L111, ENVS 112/L112

Neuroscience: NEUR 101

Physics: PHYS 111/L111, PHYS 112/L112, PHYS 151/L151, PHYS 152/L152

Science: SCI 101/L101, SCI 102/L102, SCI 108, SCI 111/L111, SCI 112/L112, SCI 123, SCI 161, SCI 171, SCI 172/L172, SCI 173/L173, SCI 181, SCI 182, SCI 183/L183, SCI 184/L184, SCI 251/L251, SCI 301/L301

Notes:

1. Some Science Division courses may have math or computer science prerequisites. Many have other science prerequisites. See course descriptions in this catalog to select appropriate courses.
2. Students may take CHEM 101/L101 or CHEM 111/L111, but not both, and they may take CHEM 102/L102 or CHEM 112/L112, but not both. CHEM 111/L111 and CHEM 112/L112 are only open to science and engineering majors.
3. Students cannot take both SCI 103/L103 and ENVS 111/L111 or both SCI 104/L104 and ENVS 112/L112.

II. Major Requirements Minimum (32 HRS)

III. Complementary Major Requirements, Minor Requirements, and Free Electives (varies)

IV. Cultural Diversity Requirement* (8 HRS)

Choose one course from Group A and one course from Group B. (Students with 30+ transfer credits choose one course from Group A or Group B.)

Cultural Diversity **Group A** (4 HRS)

and

Cultural Diversity **Group B** (4 HRS)

The Cultural Diversity Requirement is fulfilled by taking courses bearing the Cultural Diversity Designation. Courses that satisfy the Cultural Diversity Requirement are identified in the course bulletin after the course description and are listed on the Academic Advising website. Cultural Diversity Courses may simultaneously fulfill Core Requirements, Major Requirements, Complementary Major Requirements, Minor Requirements (see Department Listings) or may be used as electives.

V. Expanded Classroom Requirement*

Credit varies. A complete list of ECR courses is available on the Academic Advising website. (Students with 45+ transfer credits are exempt.)

Minimum Total Credits Required for Graduation (126 HRS)‡

*Courses may also count toward major if taken at appropriate level.

‡Some degree programs exceed 126 HRS. Students who entered prior to fall 2007 need 122 credit hours for graduation.

Carefully review the requirements for a degree in your major with your advisor before selecting courses.

2013-2014 Archived Catalog Information

Bachelor of Fine Arts Degree

Requirements for the Bachelor of Fine Arts Degree

All BFA degree programs require the successful completion of the following courses.

I. Studio Course Requirements (72 HRS)

Foundation studio courses and Major Department studio courses as taught at Suffolk University's New England School of Art & Design.

II. Art History Requirements (16 HRS)

a. All BFA candidates are required to take eight credit hours in the history of the art of Western civilization. This requirement may be fulfilled in one of the following ways: Ideas of Western Art I and II (ADF 181, 182) or Art History I and II (ARH 101, 102).

b. Interior Design Majors only are required to take an eight-credit hour sequence in the History of Furniture and Architecture (ADI 221, 222).

c. Graphic Design Majors only are required to take a four-credit hour course on the History of Graphic Design (ADG 224).

d. Art History Electives. The art history electives requirement varies according to the student's major, as follows:

Graphic Design Majors (4 HRS)

Fine Arts Majors (8 HRS)

Art History Electives. The student must choose among the following:

ARH 305, ARH 306, ARH 307, ARH 308, ARH 309, ARH 310, ARH 311, ARH 312, ARH 316, ARH 321, ARH 345, ARH 346

III. Core Requirements

a. [Seminar for Freshmen](#) (4 HRS) (Students with 15+ transfer credits of college or university work are exempt.)

b. Freshman Writing (8 HRS)

ENG 101 and ENG 102

(A student may be assigned to other English courses or may be invited to take ENG 103.)

c. Literature (4 HRS)

Choose one course from those listed below:

English: ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, ENG 218

Women's and Gender Studies: WGS 325

World Languages and Cultural Studies: FR 216, FR 309, FR 310, GER 216, GER 218, GER 310, HUM 260, HUM

350, SPAN 300, SPAN 390, SPAN 401, SPAN 402, SPAN 404, SPAN 405, SPAN 407, SPAN 413, SPAN 414, SPAN 416, SPAN 418

d. Math or Quantitative Reasoning (4 HRS)

Choose any Math course at level 130 or higher, or choose one course from those listed below:

Communication: CJN 210

Computer Science: Any CMPSC course

Biology: BIO 273

Economics: EC 431, EC 460

Government: GVT 201

Philosophy: PHIL 212

Psychology: PSYCH 215

Sociology: SOC 212

Statistics: STATS 250

e. Ethical and Philosophical Inquiry (4 HRS)

PHIL 119 or PHIL 123 or PHIL 127

f. Humanities/History (4 HRS)

Choose one course from those listed below:

American Studies: AMST 111

Black Studies: BLKST 100

Communication: CJN 114, CJN L218, CJN 218, CJN 226, CJN 227, CJN 290, CJN 291, CJN 325, CJN 366, CJN 413, CJN 485

English: ENG 113, ENG 114, ENG 121, ENG 123, ENG 124, ENG 250

History: Any History course

NESAD: ADF 181, ADF 182, ADFA 306, ADFA 344, ADFA 345, ADFA 346, ADI 221, ADI 222, ADG 224

Philosophy: PHIL 113, PHIL 115, PHIL 210, PHIL 211, PHIL 219, PHIL 223, PHIL 225, PHIL 250, PHIL 253, PHIL 255, PHIL 260, PHIL 261

Theatre: THETR 225, THETR 226, THETR 227, THETR 260, THETR 265, THETR 310, THETR 331, THETR 374, THETR 389, THETR 489

Women's and Gender Studies: WGS 111

World Languages and Cultural Studies: FR 301, FR 302, FR 320, FR 410, GER 301, GER 302, GER 306, GER 412, GER 420, SPAN 301, SPAN 302, SPAN 408, SPAN 409, SPAN 412, and any course with a HUM, ARH or MUH designator, with the exception of HUM 120 and HUM 121

g. Social Science (4 HRS)

Choose one course from those listed below:

Communication: CJN 255, CJN 285, CJN 286, CJN 287, CJN 375, CJN 400

Economics: Any Economics course except EC 431 and EC 460

Education and Human Services: Any 100, 200, or 400- level EHS course, and EHS 310, 311, 312, 313, 362, 363, 396

German: GER 419

Government: Any Government course except GVT 201

Psychology: Any Psychology course except PSYCH 215

Sociology: SOC 113, SOC 116/216, SOC 217, SOC 223, SOC 224, SOC 236, SOC 264

Women's and Gender Studies: WGS 113

h. Sciences (8 HRS)

Choose two science courses. At least one must include a laboratory. Courses do not need to be in a sequence.

Biology: BIO 101/L101, BIO 102/L102, BIO 104/L104 (offered only at Madrid Campus), BIO 105, BIO 106, BIO 107, BIO 109

Chemistry: CHEM 101/L101, CHEM 102/L102, CHEM 103

Environmental Science: SCI 103/L103, SCI 104/L104, ENVS 111/L111, ENVS 112/L112

Neuroscience: NEUR 101

Physics: PHYS 111/L111, PHYS 112/L112, PHYS 151/L151, PHYS 152/L152

Science: SCI 101/L101, SCI 102/L102, SCI 108, SCI 111/L111, SCI 112/L112, SCI 123, SCI 161, SCI 171, SCI 172/L172, SCI 173/L173, SCI 181, SCI 182, SCI 183/L183, SCI 184/L184, SCI 251/L251, SCI 301/L301

Notes:

1. Some Science Division courses may have math or computer science prerequisites. Many have other science prerequisites. See course descriptions in this catalog to select appropriate courses.
2. Students cannot take both SCI 103/L103 and ENVS 111/L111 or both SCI 104/L104 and ENVS 112/L112.

IV. Cultural Diversity Requirement (4 HRS)

Choose one course from Group A or one course from Group B.

Cultural Diversity **Group A** (4 HRS)

or

Cultural Diversity **Group B** (4 HRS)

The Cultural Diversity Requirement is fulfilled by taking courses bearing the Cultural Diversity Designation. Courses that satisfy the Cultural Diversity Requirement are identified in the course bulletin after the course description and are listed on the Academic Advising website. Cultural Diversity Courses may simultaneously fulfill Core Requirements, Major Requirements, Complementary Major Requirements, Minor Requirements (see Department Listings) or may be used as electives.

V. Expanded Classroom Requirement

Credit varies. A complete list of ECR courses is available on the Academic Advising website. (Students with 45+ transfer credits are exempt.)

Total Credit Hours Required for BFA

Studio Coursework (72 HRS)

Art History (16 HRS)

Liberal Arts/Academic Studies (36 HRS)

Minimum Total Credits Required for Graduation (124 HRS)

Carefully review the requirements for a degree in your major with your advisor before selecting courses.

2013-2014 Archived Catalog Information

Bachelor of Science Degree

Requirements for the Bachelor of Science Degree

All BS degree programs require the successful completion of the following courses.

I. Core Requirements

a. [Seminar for Freshmen](#) (4 HRS) (Students with 15+ transfer credits of college or university work are exempt.)

b. **Freshman Writing (8 HRS)**

ENG 101 and ENG 102

(A student may be assigned to other English courses or may be invited to take ENG 103.)

c. **Literature* (4 HRS)**

Choose one course from those listed below:

English: ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, ENG 218

Women's and Gender Studies: WGS 325

World Languages and Cultural Studies: FR 216, FR 309, FR 310, GER 216, GER 218, GER 310, HUM 260, HUM 350, SPAN 300, SPAN 390, SPAN 401, SPAN 402, SPAN 404, SPAN 405, SPAN 407, SPAN 413, SPAN 414, SPAN 416, SPAN 418

d. **Math* (4 HRS)**

Choose any Math course at level 130 or higher.

(For more information refer to the Math and Computer Science Department listing in this catalog.)

e. **Quantitative Reasoning* (4 HRS)**

Choose one course from those listed below:

Biology: BIO 273

Communication: CJNI 210

Computer Science: Any CMPSC course

Economics: EC 431, EC 460

Government: GVT 201

Philosophy: PHIL 212

Psychology: PSYCH 215

Sociology: SOC 212

Statistics: STATS 250

f. **Ethical and Philosophical Inquiry* (4 HRS)**

PHIL 119 or PHIL 123 or PHIL 127

g. Humanities/History* (8 HRS.)

Choose two courses from those listed below:

American Studies: AMST 111

Black Studies: BLKST 100

Communication: CJN 114, CJN L218, CJN 218, CJN 226, CJN 227, CJN 290, CJN 291, CJN 325, CJN 366, CJN 413, CJN 485

English: ENG 113, ENG 114, ENG 121, ENG 123, ENG 124, ENG 250

History: Any History course

NESAD: ADF 181, ADF 182, ADFA 306, ADFA 344, ADFA 345, ADFA 346, ADI 221, ADI 222, ADG 224

Philosophy: PHIL 113, PHIL 115, PHIL 210, PHIL 211, PHIL 219, PHIL 223, PHIL 225, PHIL 250, PHIL 253, PHIL 255, PHIL 260, PHIL 261

Theatre: THETR 225, THETR 226, THETR 227, THETR 206, THETR 265, THETR 310, THETR 331, THETR 374, THETR 389, THETR 489

Women's and Gender Studies: WGS 111

World Languages and Cultural Studies: FR 301, FR 302, FR 320, FR 410, GER 301, GER 302, GER 306, GER 412, GER 420, SPAN 301, SPAN 302, SPAN 408, SPAN 409, SPAN 412, and any course with a HUM, ARH or MUH designator, with the exception of HUM 120 and HUM 121

h. Social Science* (4 HRS)

Choose one course from those listed below:

Communication: CJN 255, CJN 285, CJN 286, CJN 287, CJN 375, CJN 400

Economics: Any Economics course except EC 431 and EC 460

Education and Human Services: Any 100, 200, or 400-level EHS course, and EHS 310, 311, 312, 313, 362, 363, 396

German: GER 419

Government: Any Government course except GVT 201

Psychology: Any Psychology course except PSYCH 215

Sociology: SOC 113, SOC 116/216, SOC 217, SOC 223, SOC 224, SOC 236, SOC 264

Women's and Gender Studies: WGS 113

i. Sciences* (8 HRS)

Two courses with laboratories. Courses do not need to be in a sequence.

Biology: BIO 101/L101, BIO 102/L102, BIO 104/L104 (offered only at Madrid Campus)

Chemistry: CHEM 101/L101, CHEM 102/L102, CHEM 111/L111, CHEM 112/L112

Environmental Science: SCI 103/L103, SCI 104/L104, ENVS 111/L111, ENVS 112/L112

Physics: PHYS 111/L111, PHYS 112/L112, PHYS 151/L151, PHYS 152/L152

Science: SCI 101/L101, SCI 102/L102, SCI 111/L111, SCI 112/L112, SCI 172/L172, SCI 173/L173, SCI 183/L183, SCI 184/L184, SCI 251/L251, SCI 301/L301

Notes:

1. Some Science Division courses may have math or computer science prerequisites. Many have other science prerequisites. See course descriptions in this catalog to select appropriate courses.
2. Students may take CHEM 101/L101 or CHEM 111/L111, but not both, and they may take CHEM 102/L102 or CHEM 112/L112, but not both. CHEM 111/L111 and CHEM 112/L112 are only open to science and engineering majors.
3. Students cannot take both SCI 103/L103 and ENVS 111/L111 or both SCI 104/L104 and ENVS 112/L112.

II. Major Requirements Minimum (32 HRS)

III. Complementary Major Requirements, Minor Requirements, and Free Electives (varies)

IV. Cultural Diversity Requirement* (8 HRS)

Choose one course from Group A and one course from Group B. (Students with 30+ transfer credits choose one course from Group A or Group B.)

Cultural Diversity **Group A** (4 HRS)

and

Cultural Diversity **Group B** (4 HRS)

The Cultural Diversity Requirement is fulfilled by taking courses bearing the Cultural Diversity Designation. Courses that satisfy the Cultural Diversity Requirement are identified in the course bulletin after the course description and are listed on the Academic Advising website. Cultural Diversity Courses may simultaneously fulfill Core Requirements, Major Requirements, Complementary Major Requirements, Minor Requirements (see Department Listings) or may be used as electives.

V. Expanded Classroom Requirement*

Credit varies. A complete list of ECR courses is available on the Academic Advising website. (Students with 45+ transfer credits are exempt.)

Minimum Total Credits Required for Graduation (126 HRS)‡

*Courses may also count toward major if taken at appropriate level.

‡Some degree programs exceed 126 HRS. Students who entered prior to fall 2007 need 122 credit hours for graduation.

Carefully review the requirements for a degree in your major with your advisor before selecting courses.

2013-2014 Archived Catalog Information

Bachelor of Science in Engineering Degree

Requirements for the Bachelor of Science in Engineering Degree (BSE)

I. Core Requirements

a. [Seminar for Freshmen](#) (4 HRS) (Students with 15+ transfer credits of college or university work are exempt.)

b. Freshman Writing (8 HRS)

ENG 101 and ENG 102

(A student may be assigned to other English courses or may be invited to take ENG 103.)

c. Literature (4 HRS)

Choose one course from those listed below:

English: ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, ENG 218

Women's and Gender Studies: WGS 325

World Languages and Cultural Studies: FR 216, FR 309, FR 310, GER 216, GER 218, GER 310, HUM 260, HUM 350, SPAN 300, SPAN 390, SPAN 401, SPAN 402, SPAN 404, SPAN 405, SPAN 407, SPAN 413, SPAN 414, SPAN 416, SPAN 418

d. Ethical and Philosophical Inquiry (4 HRS)

PHIL 119 or PHIL 123 or PHIL 127

e. Humanities/History (8 HRS)

Choose two courses from those listed below**:

American Studies: AMST 111

Black Studies: BLKST 100

Communication: CJN 114, CJN L218, CJN 218, CJN 226, CJN 227, CJN 290, CJN 291, CJN 325, CJN 366, CJN 413, CJN 485

English: ENG 113, 114, 121, 123, 124, 250

History: Any History course

NESAD: ADF 181, ADF 182, ADFA 306, ADFA 344, ADFA 345, ADFA 346, ADI 221, ADI 222, ADG 224

Philosophy: PHIL 113, PHIL 115, PHIL 210, PHIL 211, PHIL 219, PHIL 223, PHIL 225, PHIL 250, PHIL 253, PHIL 255, PHIL 260, PHIL 261

Theatre: THETR 225, THETR 226, THETR 227, THETR 260, THETR 265, THETR 310, THETR 331, THETR 374, THETR 389, THETR 489

Women's and Gender Studies: WGS 111

World Languages and Cultural Studies: FR 301, FR 302, FR 320, FR 410, GER 301, GER 302, GER 306, GER 412, GER 420, SPAN 301, SPAN 302, SPAN 408, SPAN 409, SPAN 412, and any course with a HUM, ARH or MUH designator, with the exception of HUM 120 and HUM 121

f. Social Science (4 HRS)

EC 101

II. Program Requirements (Credit varies)

The specific requirements are determined by each engineering program. These include basic math and science courses, as well as engineering topics.

III. Electives (Credit varies)

IV. Cultural Diversity Requirement (4 HRS)

Choose one course from Group A or one course from Group B.

Cultural Diversity **Group A** (4 HRS)

or

Cultural Diversity **Group B** (4 HRS)

The Cultural Diversity Requirement is fulfilled by taking courses bearing the Cultural Diversity Designation. Courses that satisfy the Cultural Diversity Requirement are identified in the course bulletin after the course description and are listed on the Academic Advising website. Cultural Diversity Courses may simultaneously fulfill Core Requirements, Major Requirements, Complementary Major Requirements, Minor Requirements (see Department Listings) or may be used as electives.

V. Expanded Classroom Requirement

Credit varies. A complete list of ECR courses is available on the Academic Advising website. (Students with 45+ transfer credits are exempt.)

Minimum Total Credits Required for Graduation (126 HRS)

Some degree programs exceed 126 HRS. Students who entered prior to fall 2007 need 122 credit hours for graduation.

** In order to count toward the General Education requirement, at least one of the courses in Humanities/History must consist of a Cultural Diversity course.

Carefully review the requirements for a degree in your major with your advisor before selecting courses.

2013-2014 Archived Catalog Information

Bachelor of Science in Journalism Degree

Available to communication and journalism students pursuing concentrations in: journalism, broadcast journalism, public relations, advertising, and media.

Requirements for the Bachelor of Science in Journalism Degree

The BSJ degree requires the successful completion of the following courses.

I. Core Requirements

a. [Seminar for Freshmen](#) (4 HRS) (Students with 15+ transfer credits of college or university work are exempt.)

b. Freshman Writing (8 HRS)

ENG 101 and ENG 102

(A student may be assigned to other English courses or may be invited to take ENG 103.)

c. Math or Quantitative Reasoning* (4 HRS)

Choose any Math course at level 130 or higher, or choose one course from those listed below:

Communication: CJN 210

Computer Science: Any CMPSC Course

Biology: BIO 273

Economics: EC 431, EC 460

Government: GVT 201

Philosophy: PHIL 212

Psychology: PSYCH 215

Sociology: SOC 212

Statistics: STATS 250

d. Ethical and Philosophical Inquiry* (4 HRS)

PHIL 119 or PHIL 123 or PHIL 127

e. Humanities/History* (8 HRS)

Choose any contemporary History course including AMST 111 and BLKST 100 (consult with advisor for appropriate course), and choose one course from the following list:

English: ENG 113, 114, 121, 123, 124, 213, 214, 215, 216, 217, 218, 250

NESAD: ADF 181, ADF 182, ADFA 306, ADFA 344, ADFA 345, ADFA 346, ADI 221, ADI 222 ADG 224

Philosophy: PHIL 113, 115, 210, 211, 219, 223, 225, 250, 253, 255, 260, 261

Theatre: THETR 225, 226, 227, 310, 331, 374, 389, 260, 265

Women's and Gender Studies: WGS 111, WGS 325

World Languages and Cultural Studies: FR 216, FR 301, FR 302, FR 309, FR 310, FR 320, FR 410, GER 216, GER

218, GER 301, GER 302, GER 306, GER 310, GER 412, GER 418, GER 420, SPAN 300, SPAN 301, SPAN 302, SPAN 390, SPAN 401, SPAN 402, SPAN 404, SPAN 405, SPAN 407, SPAN 408, SPAN 409, SPAN 412, SPAN 413, SPAN 414, SPAN 416; and any course with a HUM/ARH/MUH designator will count, with the exception of HUM 120-121.

f. Social Science* (8 HRS)

Choose one course from each:

Economics: Any Economics course except EC 431 and EC 460

Government: Any U.S. Government course

g. Sciences* (8 HRS)

Choose two science courses. At least one must include a laboratory. Courses do not need to be in a sequence.

Biology: BIO 101/L101, BIO 102/L102, BIO 104/L104 (offered only at Madrid Campus), BIO 105, BIO 106, BIO 107, BIO 109

Chemistry: CHEM 101/L101, CHEM 102/L102, CHEM 103

Environmental Science: SCI 103/L103, SCI 104/L104, ENVS 111/L111, ENVS 112/L112

Neuroscience: NEUR 101

Physics: PHYS 111/L111, PHYS 112/L112, PHYS 151/L151, PHYS 152/L152

Science: SCI 101/L101, SCI 102/L102, SCI 108, SCI 111/L111, SCI 112/L112, SCI 123, SCI 161, SCI 171, SCI 172/L172, SCI 173/L173, SCI 181, SCI 182, SCI 183/L183, SCI 184/L184, SCI 251/L251, SCI 301/L301

Notes:

1. Some Science Division courses may have math or computer science prerequisites. Many have other science prerequisites. See course descriptions in this catalog to select appropriate courses.

2. Students cannot take both SCI 103/L103 and ENVS 111/L111 or both SCI 104/L104 and ENVS 112/L112.

II. Major Requirements Minimum (32 HRS)

III. Complementary Major Requirements, Minor Requirements, and Free Electives (Credit varies)

IV. Cultural Diversity Requirement* (8 HRS)

Choose one course from Group A and one course from Group B. (Students with 30+ transfer credits choose one course from Group A or Group B.)

Cultural Diversity **Group A** (4 HRS)

Cultural Diversity **Group B** (4 HRS)

The Cultural Diversity Requirement is fulfilled by taking courses bearing the Cultural Diversity Designation. Courses that satisfy the Cultural Diversity Requirement are identified in the course bulletin after the course description and are listed on the Academic Advising website. Cultural Diversity Courses may simultaneously fulfill Core Requirements, Major Requirements, Complementary Major Requirements, Minor Requirements (see Department Listings) or may be used as electives.

V. Expanded Classroom Requirement*

Credit varies. A complete list of ECR courses is available on the Academic Advising website. (Students with 45+ transfer credits are exempt.)

Minimum Total Credits Required for Graduation (126 HRS)‡

*Courses may also count toward major if taken at appropriate level.

‡Some degree programs exceed 126 HRS. Students who entered prior to fall 2007 need 122 credit hours for graduation.

Carefully review the requirements for a degree in your major with your advisor before selecting courses.

2013-2014

2013-2014

2013-1

2013-2014 Archived Catalog Information

Cultural Diversity Course Lists

Cultural Diversity Course Lists

The Cultural Diversity Requirement aims to broaden and deepen students' understanding, experience, and critical thinking skills with regard to cultural differences and cross-cultural interactions, for effective participation in a world of diverse cultures and viewpoints.

The Cultural Diversity Requirement, as specified by each degree, is fulfilled by taking courses bearing the Cultural Diversity Designation. Courses that satisfy the Cultural Diversity Requirement are identified in the course descriptions located by department in the catalog and are also listed in the Cultural Diversity Course List on the CAS Academic Advising webpage. Cultural Diversity Courses may simultaneously fulfill Divisional Requirements, Major Requirements, Complementary Major Requirements, Minor Requirements (see Department Listings), or may be used as electives. ONLY courses listed through the link below can be used to meet the Cultural Diversity Requirement.

Cultural Diversity Course List maintained on the Academic Advising webpage

2013-2014 Archived Catalog Information

Expanded Classroom Requirement

The Expanded Classroom Requirement (ECR) asks students to combine theory with practice, by merging experiences inside and outside the classroom. All students entering the College of Arts and Sciences with 45 or fewer credits as of fall 2007 must complete one Expanded Classroom course or program.

ECR courses and programs will be indicated in the course bulletin each semester. All courses and programs that satisfy this requirement must be approved by the ECR Oversight Committee. ECR courses and programs are credit-bearing experiences that contain one of the following elements:

Study Away- Study abroad opportunities include a range of programs approved by the ECR Oversight Committee.

Study Tours- On study tours, a Suffolk University professor leads students in the study of a subject matter that involves substantial travel away from the campus in the context of a course.

Field Work- Fieldwork involves the practical application of methods and theories being studied in a course.

Internships and Cooperative Learning- Internships and cooperative learning include a wide variety of educational experiences in the context of a course in which the student works in a professional, educational, or service context.

Service Learning- Service learning involves working with a community service provider in the context of a course.

Linked Learning- This category includes all activities that satisfy the expanded classroom learning goals of the ECR but which do not fall into any of the other categories listed above. The ECR can be fulfilled by a linked learning activity for which the student finds a faculty sponsor for a Independent Study course or similar faculty mentored course. Once the student finds a faculty mentor, the mentor must submit the proposal for approval to the ECR Oversight Committee during the semester prior to completing the requirement.

A complete list of available ECR courses is maintained on the student document section of the Academic Advising website.

2013-2014 Archived Catalog Information

American Studies

For students interested in the interdisciplinary study of US identities, cultures, and societies - past and present. The American Studies minor allows students to create an individualized course of study that draws on insights and methods from the arts, history, literature, and the social sciences. Faculty from a variety of academic disciplines guide students' engagement with American expressions and experiences locally, nationally, and worldwide.

Each student must complete an introductory course, AMST 111 Defining America and Americans, and then 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 through interdisciplinary study.

Students may enroll in American Studies courses either for elective credit or as a minor. There is no major available in American studies.

Area of Focus

Each student's four elective courses for the minor must be related 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 through interdisciplinary study.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Degree Requirements](#)
- [American Studies Courses](#)

Required Core Component (1 course, 4 credits)

- **AMST-111 Defining America and Americans**

Credits:

4.00

Description:

This course will examine 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:

Humanities & History, Humanities Literature Requirement

Designated Course Component (4 courses, 16 credits)

Four courses from the following list, with no more than 8 credits in any one department.

American Studies

- **AMST-313 American Renaissance: Emerson And His Contemporaries**

Credits:

4.00

Description:

Readings from Emerson and other American Renaissance writers, including Thoreau, Whitman, Hawthorne, Melville, William and Henry James, and Emily Dickinson, and examination of their intellectual congruence with pragmatism, modernism, and postmodernism. This is a seminar in American cultural, intellectual, political, and socioeconomic history which will examine the relationship between Ralph Waldo Emerson and other contemporary American 'cultural critics', as well as their relationship to the society from which they sprang and to the values of which they were, at the same time, giving enduring cultural formulation.

Black Studies

- **BLKST-169 African American Genealogy**

Credits:

4.00

Description:

This seminar will introduce students to resources and techniques in African American genealogy. During the seminar students will explore methods of applying genealogical research to the larger African American and American story by working on an African American genealogy project. Note: This course is identical to HST 169. Normally offered by request.

Term:

Occasional

Type:

Humanities & History

- **BLKST-299 Busing in Boston- Moakley Archives**

Credits:

4.00

Description:

This is a research seminar designed to give students the opportunity to explore the rich yet difficult history of busing in Boston, and develop their research skills by using material on Boston's school desegregation in the Moakley archives. Research will be augmented by discussions with local figures who were involved in the events of the era. Class time will be divided between classroom meetings and work in the archives with the documents. Students will be responsible for a final project based on their work in the archives. This course is identical to HST 299. Normally offered by request.

Term:

Occasional

Type:

Social Science, Humanities & History

- **BLKST-469 African Amer Life-Slave & Free**

Credits:

4.00

Description:

This class is designed to provide students with a deeper understanding of the reconstruction era by working with the microfilm of the Freedmen's Bureau papers. To accomplish this there will be a classroom component and an on-site component. In the classroom component, students will be introduced to the reconstruction era and its history. In the on-site component students will work with the microfilmed copies of the Freedmen's Bureau papers. Class meetings will be divided between the Suffolk University campus and the National Archives and Records Administration (NARA) site in Waltham, MA. This course is identical to HST 469. Normally offered as requested.

Term:

Occasional

Type:

Social Science

Art History

- **ARH-311 American Art**

Credits:

4.00

Description:

A study of American painting, sculpture, photography and architecture from the colonial period through WWII. Artists include the Freake limner, Smibert, Copley, West, Stuart, Jefferson, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole Church, Bingham, Lane, Hosmer, Inness, Sloan, Sullivan, Wright, Hopper, Sheeler, Davis, Shahn, O' Keefe, Dove, Hartley, Marin, Bellows, Riis, Hine, Stieglitz, Strand, Weston, Steichen and Lange.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-320 Visual Culture of New England**

Credits:

4.00

Description:

This course explores the rich cultural heritage of New England from the late seventeenth century to the early decades of the twentieth. Particular attention will be paid to the role that New England and the city of Boston played within a national cultural context and in shaping our ideas of a distinctly New England aesthetic. One of the goals of this course is to explore the idea of the imagined and idealized New England, which has come to serve as a nostalgic symbol of America's past. Through an examination of paintings, sculpture, photography, architecture, and material culture, the class offers an in-depth look at the ways New England developed its distinctive character and personality, and how its visual culture has shaped the region.

Term:

Alternates Fall & Spring

Type:

Humanities Literature Requirement, Humanities & History

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

Credits:

4.00

Description:

This course covers women artists from the sixteenth century to the present as well as the new direction of art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, Cultural Diversity Opt B, BFA Humanities Requirement, Cultural Diversity BFA,

- **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. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- **CJN-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media upon contemporary society. Television, radio, film and print formats are discussed in terms of their persuasive impact on American mass culture. Focus is on the period 1950-1970.

Term:

Offered Fall Term

Type:

Social Science

- **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-290 Women in Struggle on Film

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History

• CJN-291 Film Studies: the Modern Era

Credits:

4.00

Description:

Film history 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:

Offered Spring Term

Type:

Humanities & History

• CJN-358 Family Communication

Credits:

4.00

Description:

This course will look at different family structures using communication concepts and theories as a focus to glance at family life. Communication issues will include the creation of meaning and identity through storytelling, rules and roles, conflict, power, intimacy, and then glance at challenges to the family unit. Students will need to understand their own family issues so that they can glance across the street to neighbors' differing viewpoints, so that we can broaden to begin to understand families from different cultures. We will accomplish this by examining

both fictional and real families portrayed in television, movies, documentaries, as well as in fiction and non-fiction writing. Final projects will be a paper and presentation about a specific family communication concept applied to a specific family unit.

Term:

Occasional

- **CJN-365 American Cinema**

Credits:

4.00

Description:

Trends in Hollywood and American independent cinema from 1970 onwards, including maverick directors, Hollywood blockbusters, and, when possible, class visits by New England-based filmmakers.

Term:

Occasional

- **CJN-389 Social Media**

Prerequisites:

CJN-257;

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:

Occasional

- **CJN-465 Film and Society**

Credits:

4.00

Description:

The study of the relationship between film and society. The course features filmmakers who emphasize political, historical, racial, gender, and other important social issues. Normally offered yearly. Revised Description A study of how cinema reflects, and reflects on, the values of the society in which it is produced. The course features films and filmmakers who emphasize political and social issues dealing with race, gender, sexuality, and other important concerns.

Term:

Occasional

- **CJN-485 Rhetoric of Protest & 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. Normally offered yearly. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, BSBA SOCIAL CHANGE

Education and Human Services

- **EHS-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

Type:

Cultural Diversity Opt A, Social Science

- **EHS-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

Type:

Social Science

- **EHS-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

Type:

Social Science

- **EHS-424 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

Type:

Social Science

English

- **ENG-217 American Literature I**

Prerequisites:

ENG-102 OR ENG-103 with a grade of B or above

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:

Humanities Literature Requirement

- **ENG-218 American Literature II**

Prerequisites:

ENG-103 with a grade of B or above or ENG-102.

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:

Humanities Literature Requirement

- **ENG-352 Global American Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Study of antebellum American and African American literature in the context of cosmopolitan modes of thought and revolutionary action. This course considers how writers balanced their interest in building a national culture with their concern for matters of race, gender, politics and civil rights that transcended their time and place.

Readings include nineteenth-century works by Longfellow, Irving, Emerson, Fuller, Whitman, Thoreau, Melville, and Douglass, as well as twentieth-century responses from Hemingway, Gandhi, King and Johnson.

Term:

Occasional

- **ENG-353 American Realism**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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-354 Hawthorne, Melville and Stowe**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An extended study of three major novels by Hawthorne, Melville and Stowe as prototypes of the Great American Novel: an elusive achievement that seeks to capture the essence of American experience. This course confronts issues of sin and redemption, ambition and failure, racial and national identity, and aesthetic and cultural value, and it assesses the imaginative influence of these foundational narratives in two contemporary rewritings by Mukherjee and Reed. 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:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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 Lit I**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

African-American writing from the beginning through the present. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- **ENG-359 Selected African-American Writers**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course focuses upon the literary contributions of a selected number of major African-American authors. Normally offered every other year.

Type:

Cultural Diversity Opt A

- **ENG-360 Mid-20th Century American Fiction 1950-1975**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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-361 Contemporary American Fiction**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The course will cover major works of American fiction from the period between the end of the American war in Vietnam and the present. The course will emphasize fiction reflecting America's cultural diversity and current trends in fiction.

Term:

Occasional

- **ENG-362 Asian American Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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:

Cultural Diversity Opt A, Asian Studies

- **ENG-364 Modern American Poetry**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An in-depth examination of American poetry written between 1900 and the Second World War, to include writers such as Robert Frost, Ezra Pound, Wallace Stevens, T.S. Elliot, William Carlos Williams, Gertrude Stein, Amy Lowell, Hilda Doolittle, Marianne Moore, Claude McKay, Langton Hughes, and Jean Toomer, among others. Normally offered alternate years.

Term:

Occasional

- **ENG-365 Contemporary American Poetry**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An in-depth examination of American poetry since 1950, to include writers such as Robert Lowell, Theodore Roethke, John Berryman, Sylvia Plath, Anne Sexton, William Stafford, Elizabeth Bishop, Lucille Clifton, Adrienne Rich, Philip Levine, Galway Kinnell, James Wright, Robert Bly, Charles Olson, Allen Ginsberg, Rita Dove, Robert Hass, and Yusef Komunyakaa, among others. Normally offered alternate years.

Term:

Occasional

- **ENG-367 American Fiction 1920-1950**

Prerequisites:

Credits:

4.00

Description:

A sampling of major American fiction from the Jazz Age, the Great Depression, and the years surrounding World War II. Possible authors include Gertrude Stein, Ernest Hemingway, Jean Toomer, F. Scott Fitzgerald, William Faulkner, Zora Neale Hurston, Nella Larsen, John Steinbeck, Richard Wright, and Mary McCarthy.

Term:

Occasional

- **ENG-380 Wharton and James**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A study of the work of two of America's greatest Realist writers, considering the achievement of each and their extraordinary friendship.

Term:

Occasional

- **ENG-387 Writing Women**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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

Type:

Cultural Diversity Opt A

- **ENG-407 Literary Theory**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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-481 Boston in History, Lit & Film**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An interdisciplinary examination of the history of Boston. Special focus will be on Boston in fiction, poetry, and film, as well as on the analysis of historical documents and accounts. This course is recommended for History and Literature Honors Majors. Jointly taught by professors from the History and English Departments. Normally offered every third year.

Term:

Occasional

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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-224 American Politics & 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-243 American Constitutional Law

Prerequisites:

not open to freshmen

Credits:

4.00

Description:

The growth of Constitutional law and the role of the Supreme Court is examined by analysis of court decisions dealing with Judicial Review, Federalism, Presidential and Congressional powers. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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

Type:

Cultural Diversity Opt A, Social Science, BSJ SOCIAL SCIENCE

• GVT-328 American Law, Government and Policy**Prerequisites:**

Prerequisites: Not open to freshmen

Credits:

4.00

Description:

This course provides an overview of the legal system in the United States of America, in connection with the role of the Federal and State government and their policy. This course is designed for undergraduate and graduate students. During the semester, we will explore a variety of issues involving the legal system of the United States and how it affects local and federal government.

Type:

Social Science, BSJ SOCIAL SCIENCE

• GVT-329 Law for Environmental Protection and Pollution Prevention**Credits:**

4.00

Description:

A course about how the constitution, common law and statutory law provide for environmental protection and pollution prevention. Students will learn basic skills needed to understand how environmental law works, including constitutional clauses and amendments, landmark civil litigation, the Clean Water Act, the Clean Air Act, landmark civil litigation, and hazardous waste law.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **GVT-348 Law, Race and Gender**

Prerequisites:

GOV 110, GVT 120, or instructor's consent

Credits:

4.00

Description:

Covers the 13th, 14th, and 15th amendments, known as the Reconstruction amendments. This course focuses upon these three critical amendments, with an eye towards their importance in framing race-based rights, and the 14th with regard to gender-based rights. It emphasizes the politics of these amendments' language, ratification, and impact (including their 130-year interpretation by the Supreme Court.) The course treats the U.S. Constitution dynamically, as a political and social educator. It also examines the extent to which the Constitution could be viewed as race- or gender-blind.

Type:

Cultural Diversity Opt A,Social Science,BSJ SOCIAL SCIENCE

• GVT-352 Constitutional Reform

Prerequisites:

GVT 110, 120, 243, and 244 or instructor's permission

Credits:

4.00

Description:

A critical analysis of whether our constitutional system is adequate to effectively resolve the new and complex problems of governance in this century. The strengths and weaknesses of governmental structure created by the U.S. Constitution will be examined. Past and current amendment proposals will receive special attention. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• 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

Type:

Humanities & History,Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-366 Massachusetts Legislative Process**

Prerequisites:

GVT 110 OR GVT347; SOPH STANDING

Credits:

4.00

Description:

This course examines fundamental framework, legislative oversight of the Executive Branch and basic functions of the Massachusetts Legislative. Special emphasis will be placed on gaining a practical understanding of the Massachusetts legislative process. Students are encouraged to explore the methods by which the major legislative measures are undertaken, various roles of legislative leaders, committee hearings and the procedures that are used under the Massachusetts General Laws. Open to non-majors. Offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-431 Congress: the Broken Branch**

Prerequisites:

TAKE GVT 110

Credits:

4.00

Description:

This course will examine the changes in the US Congress in recent years, as both party unity and party polarization have grown, with particular attention to the evolution of Senate rules as the need for a 60-vote majority has become a given.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-432 Legal Issues in Campaign and Elections**

Credits:

4.00

Description:

This course will explore legal issues affecting campaigns and elections. Among the topics covered will be the legal requirements to qualify for the ballot, campaign finance laws, challenges to candidates and ballot questions, and election recounts. Special emphasis will be given to the 2000 Presidential Recount in Florida.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-434 Immigration Policy and Politics**

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.

Type:

- **GVT-435 Race and Public Policy**

Prerequisites:

GVT 110 OR GVT 120 OR GVT 223 OR GVT 224

Credits:

4.00

Description:

Public policy's impact on Blacks Chicano's, Native Americans Puerto Ricans, and other minority groups; how public policy has contributed to racial oppression; policies for attaining racial equality; political strategies of minority groups. Cultural Diversity A

Type:

Cultural Diversity Opt A,Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

- **GVT-438 Environmental Policy & Politic**

Prerequisites:

This course will have a service learning component Sophomore 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

History

- **HST-169 African American Genealogy**

Credits:

4.00

Description:

This seminar will introduce students to resources and techniques in African American genealogy. During the seminar students will explore methods of applying genealogical research to the larger African American and American story by working on an African American genealogy project. Note: This course is identical to BLKST 169.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-221 William Lloyd Garrison in Boston's Abolition Movement

Credits:

4.00

Description:

A focus on the life of William Lloyd Garrison, whom Frederick Douglass called, the chief apostle of the unconditional emancipation of all the slaves. We will focus on the words of Garrison, on his support from the Boston colored community, and his role in the national Abolition movement. Garrison's confidence in the power of moral agitation to overcome institutional inertia will be a theme. The views of a spectrum of historians, writing from the context of many years, will raise questions about movement strategies relevant also today.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-224 Civil Rights in the 20th Century

Credits:

4.00

Description:

What is meant by the term civil rights? How do civil rights affect notions of what it means to be an American? In Civil Rights in the Twentieth Century, students will explore the history of civil rights movements- from the Reconstruction era through the Conservative revolution of the 1970s and 1980s- to answer these questions, and to try to understand the contested definition of civil rights in modern America. We will begin with the emancipation of four million African-Americans during the 1860s; we will continue through the first wave feminist movement of the late nineteenth and early twentieth century, and the labor movement from the Gilded Age through the New Deal; and we will conclude with the Black, women's, and gay rights movements of the 1960s and 1970s, and their relationship to the rise of the New Right during the 1970s and 1980s. Special attention will be paid to primary documents written by civil rights leaders and their followers, as well as analysis of secondary material on how civil rights has evolved over time.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement, Humanities & History, BSBA SOCIAL CHANGE

- **HST-271 African American History 1619-1860**

Credits:

4.00

Description:

This course will examine 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 include: the slave trade, the development of the slave system, African-Americans and the Declaration of Independence, and the abolition movement. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **HST-272 African American History From 1860**

Credits:

4.00

Description:

This course will examine African American history from the end of slavery to the present. Topics include: Emancipation and Reconstruction, Reconstruction and the Constitution, the Exodusters, the Harlem Renaissance, Pan Africanism, the Civil Rights Movement, the Black Power Movement, African-Americans at the turn of the twenty-first century. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **HST-287 Atlantic World: Print to Progress**

Credits:

4.00

Description:

How did Atlantic crossings impact American societies? In this course, students with little or no prior knowledge of the Atlantic World will gain an understanding of the inter-connections that developed among peoples of Europe, Africa and America after 1492. We will see how the migration of peoples facilitated a new level of exchange in technology, culture, and especially ideas. Topics include European thoughts on America and its peoples; the Columbian Exchange of flora, fauna, and diseases; Euro-American accounts of life in the New World; and cultural syncretism such as language, music and religion. Previously HST 495

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• **HST-290 19th Century America**

Credits:

4.00

Description:

This course explores the history of the United States from 1810 to 1910. Students will 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

Type:

Humanities & History, Humanities Literature Requirement

• **HST-292 American Foreign Relations Since 1898**

Credits:

4.00

Description:

The history of modern U.S. foreign relations. Key topics include the emergence of the U.S. as a world power, America's involvement in the two world wars, the Cold War, Vietnam, and globalization. U.S. relations with Latin America, Asia, the Middle East, Europe, and Africa are explored.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-293 Race and Reconstruction: the Transformation of America, 1850-1900**

Credits:

4.00

Description:

This course explores the political, economic, social, and cultural history of America from the decade prior to the Civil War to the end of the nineteenth century. Students will focus on the political, social, and racial catalysts that led to the Civil War, its aftermath, and the ideologies behind Federal Reconstruction between 1863 and 1877. Through primary and secondary source materials, students will explore the following: What were the long term effects of American slavery, American expansion, and the Civil War? How did different groups of Americans- north and south, Black, White, Asian, Latino- understand themselves, their government, and what it meant to be an American citizen? How did the social structure of white supremacy - epitomized in ante-bellum slavery, Indian removal, and rising anti-Chinese sentiment - contribute to the long-lasting social structure of American racism?

Term:

Occasional

Type:

Humanities & History, Cultural Diversity Opt A, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-299 Busing in Boston: the Moakley Archives**

Credits:

4.00

Description:

This is a research seminar designed to give students the opportunity to explore the rich yet difficult history of busing in Boston, and develop their research skills by using the material on Boston's school desegregation in the Moakley archives. This will be augmented by discussions with local figures who were also involved in the events of the era. Class time will be divided between classroom meetings and work in the archives with the documents. Students will be responsible for a final project based on their work in the archives. This course is identical to BLKST 299.

Term:

Occasional

Type:

- **HST-307 U.S. Race Relations 1877-1945**

Credits:

4.00

Description:

This course focuses on the African-American freedom struggle. It describes the consolidation of segregation and disfranchisement laws, the rise of Booker T. Washington, the NAACP's fight for civil rights, black nationalism, African American participation in both world wars, the Harlem Renaissance, and Depression Era struggles. We will also consider the history of non-white groups including Hispanics, Asian-Americans, and Native Americans.

Type:

Humanities & History, Cultural Diversity Opt A, BSBA SOCIAL CHANGE

- **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

Type:

Humanities & History, Humanities Literature Requirement

- **HST-319 The History of Black Music in America**

Credits:

4.00

Description:

Black music has been one of the primary cultural factors in the United States. From the African roots to hip hop in the 21st century Black music has served as an expression of African American consciousness, providing commentary on many aspects of black life. This art form provides commentary on many aspects of black life including social and political. It has also been a major force in shaping the culture of the United States as a whole. As such it provides an excellent window for exploring the history of Black America as well as the history of all

America. With the use of texts, videos, and recordings this class will examine the music of Black America in the context and communities in which it was created and performed, and also in relationship to the wider world.
Cultural Diversity A

Term:

Occasional

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• HST-333 The United States: 1898-1945

Credits:

4.00

Description:

Topics include the Progressive Era, U.S. intervention in World War I and its domestic consequences, the cultural clashes of the 1920s, the Great Depression of the 1930s, the New Deal, and World War II. Note: formerly history 495.

Term:

Occasional

Type:

Humanities & History,Humanities Literature Requirement

• 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

Type:

Humanities & History,Humanities Literature Requirement,BSBA SOCIAL CHANGE

• HST-335 The United States Since 1970

Credits:

4.00

Description:

American history in the period since Vietnam and Watergate. Topics include the end of the post-World War II economic boom, the late-20th century culture wars, the rise of the New Right and decline of the New Deal domestic order, the end of the Cold War, growing involvement in the Middle East, the emergence of new technologies, globalization, and the impact and aftermath of September 11.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-H359 Honors 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. This course will examine 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:

Humanities & History, Humanities Literature Requirement

• 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:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• HST-362 History of Piracy

Credits:

4.00

Description:

Why did men (and some women) turn pirate? Why is there a continuing fascination with pirates? This course will explore the reality and fiction of pirates and piracy, focusing on the Golden Age of Piracy from 1690 to 1730, with particular attention to the pirates of New England. We will examine primary sources, historical accounts, and fictional presentations - both books and films - to better understand piracy, why it happened, and why it continues to fascinate us.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• HST-365 Presenting History: Media & Methods of Public History

Credits:

4.00

Description:

Considers the history, theory, and techniques of public history presentation. Learn what visitors want for themselves and their families when they choose to spend their time at a historic site, historic house or history museum. Modes of presentation covered include film documentary, Web site exhibition, popular historical writing, and reenactment. Students produce a project using survey data and information learned throughout the course about preserving history through media and method to demonstrate what the future of historic preservation might resemble. Note: There will be travel involved to visit various historic sites. Please allow time before and after scheduled class time.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement, Expanded Classroom Requirement

- **HST-367 Freedom Trail 101**

Prerequisites:

take HST 181

Credits:

4.00

Description:

Meeting alternatively at Suffolk and at Boston's historical sites, students in this course will learn the principles and techniques of Museum Education. How does a museum create educational programs? What kinds of programs work best for different audiences? Students will have opportunities to work with museum professionals in designing and implementing educational programs.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **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. As part of the course, students will offer tours of the houses to visitors. Formerly: HST 368 Introduction to Historical Interpretation.

Term:

Occasional

Type:

Humanities & History, Expanded Classroom Requirement, Humanities Literature Requirement

- **HST-370 Workers in America**

Credits:

4.00

Description:

How have ordinary American working people shaped and been shaped by the experience of work in a capitalist economic order? This course surveys the world of work and workers, free and unfree, from 1800 to the present. Topics include changing conceptions of work, formation of workers' consciousness and communities, working-class cultures, movements for labor reform, and the impact of race, ethnicity, and gender on labor markets, workplace dynamics, and working-class families and communities. The course also explores workers' experiences of industrialization and technological innovation, immigration and migration, consumerism and globalization. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History

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

Credits:

4.00

Description:

This course 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. Cultural Diversity A

Term:

Offered Fall Term

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

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

Credits:

4.00

Description:

This course 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. Course materials include novels and films. Cultural Diversity A

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

• HST-380 History of Plymouth

Credits:

4.00

Description:

Plymouth beyond the Mayflower Pilgrims, Thanksgiving and Plymouth Rock; this course will examine the history of Plymouth Colony from its origins in Reformation England to its absorption into Massachusetts in 1692. Particular attention will be paid to Native Wampanoag culture before, during and after King Philip's War. Students will read primary and secondary sources; investigate Plymouth Colony's material culture through architecture, food, and artifacts; field trips to sites in the Old Colony area will be arranged; and the lasting cultural significance of the Pilgrims and Plymouth will be examined.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

• HST-381 American Colonial History

Prerequisites:

Sophomore Standing

Credits:

4.00

Description:

This course emphasizes the founding and settlement of English colonies in America; their social, economic, and political development; the Great Awakening; the British-French struggle for control of the North American continent; the background and causes of the American Revolution.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-382 The American Revolution**

Credits:

4.00

Description:

This course provides an analysis of the background, progress and results of the American Revolution. Emphasis is placed upon military aspects of the War for Independence, and on post-war efforts to establish a permanent workable American government culminating in the Federal Constitution.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-383 Boston: Heritage of a City**

Prerequisites:

One History course

Credits:

4.00

Description:

The development and influence of Boston from its foundation in 1630: the Massachusetts Bay Colony, cradle of the American Revolution; Boston as a Yankee merchant capital, Brahmin cultural center, immigrant melting pot, and modern metropolis. 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.
ECR

Term:

Offered Fall Term

Type:

Humanities & History, Expanded Classroom Requirement, Humanities Literature Requirement

• HST-389 American Constitutional History I

Prerequisites:

Sophomore Standing Required

Credits:

4.00

Description:

The development of American constitutional government. Topics will include the drafting and ratifying of the state and federal constitutions in the 1770s and 1780s; the problems of individual liberty versus government power; state rights; race and slavery; war powers; pluralism.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-390 American Constitutional History II

Prerequisites:

Sophomore Standing Required

Credits:

4.00

Description:

This course will explore changes in the American constitutional system since the Civil War. Topics will include due process and national citizenship; the growth and expansion of federal power; the evolution of segregation; the New Deal; the return of civil rights; the expansion of individual rights; the role of courts and states in the federal system.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-392 American Civil War and Reconstruction

Credits:

4.00

Description:

Topics include the antebellum reform and expansion movements, especially as they affected slavery, and the deepening sectional crisis of the 1850s. An in-depth analysis of the violent war which followed, and Southern Reconstruction to 1877.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• **HST-395 US History: Race and Ethnicity**

Prerequisites:

Permission of Instructor Required

Credits:

4.00

Description:

An overview of American history from the perspective of its racial and ethnic minorities. Topics include: Native American efforts to retain cultural independence and to shape relations with the majority; Asian Americans and the model minority myth; African Americans and the Constitution; recent refugees and current immigration legislation. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• **HST-469 African Amer Life-Slave & Free**

Credits:

4.00

Description:

This class is designed to provide students with a deeper understanding of the Reconstruction era by working with the microfilm of the Freedmen's Bureau papers. To accomplish this there will be a classroom component and an on-site component. In the classroom component, students will be introduced to the Reconstruction era and its history. In the on-site component students will work with the microfilmed copies of the Freedmen's Bureau papers.

Class meetings will be divided between the Suffolk University campus and the National Archives and Records Administration (NARA) site in Waltham, MA. This course is identical to BLKST 469.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **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

Type:

Humanities & History, Humanities Literature Requirement

- **HST-481 Boston History, Literature & Film**

Credits:

4.00

Description:

An interdisciplinary examination of the history of Boston. Special focus will be on Boston in fiction, poetry, and film, as well as on the analysis of historical documents and accounts. This course is recommended for History and Literature Honors majors. Jointly taught by professors from the History and English Departments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

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

Credits:

4.00

Description:

Do we all feel the same emotions across cultures and throughout history, or do we learn to feel according to the rules of our own time and place, or does the truth about human emotion lie somewhere in between? This course will first explore ideas about emotional life from the fields of history, anthropology, sociology, and psychology. We will then turn to our own examination of 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 masculinity and femininity, romantic love and marriage, childrearing, and about what parents and children are supposed feel toward each other. How have ideas about these subjects changed over time - and do our feelings change with them?

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

- **HST-494 Politics and Protest**

Credits:

4.00

Description:

This course will examine the impact of organized reform movements on American History from 1800s to the 1960s. Themes include utopianism, assaults on injustice, and attempts to control the behavior of the undesirable groups. Topics include anti-slavery agitation and religious revivalism before the Civil War, problems of industrialism and the working class, progressive political and social reform, temperance and prohibition, women's suffrage and women's rights, civil rights and the counter culture.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

Music History

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Survey from Colonial times to the present. Various attempts to create an indigenous style. Folk, religious music and symphonies, jazz and American musical theater. Composers include Billings, Beach, Ives, Copland, Bernstein and others.

Term:

Alternates Fall & Spring

Type:

Humanities & History, Humanities Literature Requirement

• **MUH-227 Jazz**

Credits:

4.00

Description:

Evolution of jazz from blues and ragtime through Dixieland and the avant-garde experiments of today. Contributions of major soloists, arrangers and composers. Listening, reading and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• **MUH-233 The Blues**

Credits:

4.00

Description:

Selected topics dealing with the blues from its origins in various Southern regions of the U.S., through its post-war urban relocation, up to modern interpretations in rock, rap, pop, and hip-hop today. Blues music, both technically and culturally, will be considered from the artist's perspective as a form of African-American expression and American/African-American oral history, as well as a unique indigenous form of American music. Influences of European, African, Country and Jazz styles will be examined, as well as the themes of race and alienation, and similar socio-cultural influences that have shaped and defined the music over time.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **MUH-331 Music in Film**

Credits:

4.00

Description:

This class studies the history and development of film music through reading, lecture and class listening. We investigate the process of film scoring, and how music and its relationship to film have changed over the last century. The class includes discussion and evaluation of different compositional styles and practices to listening critically to film scores while viewing movies.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Philosophy

- **PHIL-253 The Philosophy of America**

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. Other works, primary and secondary, that help to illuminate these documents and their philosophical significance will also be read. The course may 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. In addition to the founding documents, authors and texts may include: Locke, The Federalist Papers, Jefferson, Adams, Madison, Washington, de Tocqueville, Emerson, Douglass, Lincoln, Stanton, Thoreau, James, and Dewey, as well as contemporary authors. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

Type:

- **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

Type:

Cultural Diversity Opt A

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

Type:

Social Science

- **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

Type:

Social Science

• **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

Type:

Social Science

• **PSYCH-341 Sociocultural Perspectives**

Prerequisites:

PSYCH 114

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

Type:

Cultural Diversity Opt A, Social Science

• PSYCH-346 Community Psychology

Prerequisites:

JR Standing; Majors only or instructor's consent; ECR

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:

Social Science, Expanded Classroom Requirement

Sociology

• 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

Type:

Social Science

• **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

Type:

Cultural Diversity Opt A

• **SOC-228 Culture Diversity & Human Need**

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

Type:

Cultural Diversity Opt A

- **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

Type:

Cultural Diversity Opt A

- **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-326 Protest and Social Change**

Credits:

4.00

Description:

An exploration of recent and contemporary protest movements. Cases studied may include Civil Rights women's movement, environmental, militia, and new right, gay and lesbian, labor, etc. Movement issues such as goals, tactics, use of violence, use of media cultural politics, social control and repression will be considered. Under what conditions do protest movements succeed or fail in bringing desired social change?

Term:

Occasional

Type:

Cultural Diversity Opt A,BSBA SOCIAL CHANGE

- **SOC-345 Get a Job: Welfare and Welfare Reform**

Prerequisites:

SOC 113 or SOC 116

Credits:

4.00

Description:

In 1996, Congress passed the Personal Responsibility and Work Opportunity Act (PRWORA), which requires states to reduce welfare caseloads by requiring recipients to work and limiting the number of years a family can receive benefits. This course will explore the history of welfare in the United States and the various efforts to reform it. Students will examine social, economic, and political forces that have driven recent reforms as well as exploring the interaction between race, gender, and poverty as they relate to welfare dependency and reform.

- **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

Type:

Cultural Diversity Opt A

Theatre

- **THETR-225 Intro to Theatre Arts**

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

Type:

Humanities & History, Humanities Literature Requirement

- **THETR-226 Intro to Theatre Arts II**

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

Type:

Humanities & History, Humanities Literature Requirement

• **THETR-227 Introduction to Theatre Arts III**

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

Type:

Humanities & History, Cultural Diversity Opt A, Humanities Literature Requirement

• **THETR-240 Dance Essentials I**

Credits:

4.00

Description:

This is a course for the student who always wanted to learn the basics of dance as well as the student returning to dance. Class work includes centering, attention to placement, and the development of strength, flexibility, and musicality. Students will learn to think and write critically about the form. Dance attire is required.

Term:

Occasional

- **THETR-325 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

Type:

Cultural Diversity Opt A

- **THETR-347 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:

2013-2014 2013-2014 2013-2014
2013 2014 2013 2014 2013 2014

2013-2014 Archived Catalog Information

American Studies

For students interested in the interdisciplinary study of US identities, cultures, and societies - past and present. The American Studies minor allows students to create an individualized course of study that draws on insights and methods from the arts, history, literature, and the social sciences. Faculty from a variety of academic disciplines guide students' engagement with American expressions and experiences locally, nationally, and worldwide.

Each student must complete an introductory course, AMST 111 Defining America and Americans, and then 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 through interdisciplinary study.

Students may enroll in American Studies courses either for elective credit or as a minor. There is no major available in American studies.

Area of Focus

Each student's four elective courses for the minor must be related 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 through interdisciplinary study.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Degree Requirements](#)
- [American Studies Courses](#)

American Studies Courses

- **AMST-111 Defining America and Americans**

Credits:

4.00

Description:

This course will examine 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:

Humanities & History, Humanities Literature Requirement

• AMST-313 American Renaissance: Emerson And His Contemporaries

Credits:

4.00

Description:

Readings from Emerson and other American Renaissance writers, including Thoreau, Whitman, Hawthorne, Melville, William and Henry James, and Emily Dickinson, and examination of their intellectual congruence with pragmatism, modernism, and postmodernism. This is a seminar in American cultural, intellectual, political, and socioeconomic history which will examine the relationship between Ralph Waldo Emerson and other contemporary American 'cultural critics', as well as their relationship to the society from which they sprang and to the values of which they were, at the same time, giving enduring cultural formulation.

2013-2014 Archived Catalog Information

Applied Legal Studies

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Paralegal Studies](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Bachelor's Degree](#)
- [Potential Tracks for ALS Students](#)
- [Minor Requirements](#)
- [Associate's Degree](#)
- [Certificate](#)

Students may pursue either a BA or BS in government with a major in applied legal studies. Students must complete 44 credits (11 courses) in their ALS major and the required courses for the chosen degree. Of the eleven major courses, students must take seven required courses and may choose four of the ALS electives offered.

Students are encouraged to save major courses for the sophomore year and beyond; many ALS courses require sophomore status.

Transfer students from non-ABA approved programs working toward a bachelor's degree in applied legal studies must take at least six ALS courses while in residence at Suffolk University.

Transfer students from an ABA-approved program must take at least five ALS courses while in residence at Suffolk University.

Required Courses (BA and BS only; 28 credits/7 courses)

- **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.

Type:

Social Science

- **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 Civil 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.

Type:

Social Science

- **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.

Type:

Social Science

- **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

Type:

Expanded Classroom Requirement

- **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.

Elective Courses (16 credits/4 courses)

- **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.

Type:

Cultural Diversity Opt A

- **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**

Prerequisites:

Take ALS-264 or ALS-360;

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-374 Torts: Personal Injury Law**

Prerequisites:

Take ALS-362;

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-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-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

Type:

Cultural Diversity Opt 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.

Type:

Social Science

2013-2014 Archived Catalog Information

Applied Legal Studies

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Paralegal Studies](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Bachelor's Degree](#)
- [Potential Tracks for ALS Students](#)
- [Minor Requirements](#)
- [Associate's Degree](#)
- [Certificate](#)

Potential Tracks for ALS Students

Students are invited to use the following lists as aids to selecting courses toward completion of their program, but are not required to choose a track. Students in the applied legal studies program may choose to concentrate in a particular area of law, as preparation for work in a specific field, or because of interest in the area. Below are four potential tracks for ALS students.

Track 1. Public Interest

- **ALS-362 Civil 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.

Type:

Social Science

- **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.

Track 2. Litigation

- **ALS-362 Civil 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.

Type:

Social Science

- **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.

Type:

Social Science

- **ALS-374 Torts: Personal Injury Law**

Prerequisites:

Take ALS-362;

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-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.

Track 3. Corporate/Business

ALS-376 Business Entities and Securities Law (elective)
ALS-390 Employment and Labor Law (elective)

- **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-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-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.

Type:

Social Science

Track 4. Family Law

• **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-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-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

Type:

Cultural Diversity Opt A

2013-2014 Archived Catalog Information

Applied Legal Studies

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Paralegal Studies](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Bachelor's Degree](#)
- [Potential Tracks for ALS Students](#)
- [Minor Requirements](#)
- [Associate's Degree](#)
- [Certificate](#)

Students may elect a minor in Applied Legal Studies by completing 5 courses (20 credits) of ALS courses, distributed as follows:

- **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 Civil 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.

Type:

Social Science

Two 300-level ALS courses (8 credits)

ALS minors must see an advisor in the Applied Legal Studies program.

2013-2014 Archived Catalog Information

Applied Legal Studies

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Paralegal Studies](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Bachelor's Degree](#)
- [Potential Tracks for ALS Students](#)
- [Minor Requirements](#)
- [Associate's Degree](#)
- [Certificate](#)

Students desiring to obtain a degree in two years may pursue an Associate in Science in Paralegal Studies (A.S.P.S.). Students must complete 32 credits (8 courses) 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 ALS electives offered. One of those electives may be an internship working as a paralegal (ALS 381) after the student has completed at least fifteen hours of applied legal studies coursework.

In their first year, students are encouraged to take only required courses, and should note that **ALS 264, 265, and 266 are not classes that can count toward an ALS requirement for the associate's degree.**

Transfer students working toward an associate's degree must take five ALS courses at Suffolk and two of the five courses must be required.

For a list of required and elective courses, see the Certificate Program page.

2013-2014 Archived Catalog Information

Applied Legal Studies

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Paralegal Studies](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Bachelor's Degree](#)
- [Potential Tracks for ALS Students](#)
- [Minor Requirements](#)
- [Associate's Degree](#)
- [Certificate](#)

Admission Requirements

All candidates desiring to be considered for admission to the Certificate in Paralegal Studies must satisfy at least one of the following requirements:

- Have earned 30 general education credits from an accredited post secondary institution; or
- Hold a bachelor's degree from an accredited institution. If a candidate lacks the preceding education qualification, then option number 3 may be satisfied:
- Be recommended in writing by (a) supervising attorney(s) who will attest to the candidate's successful employment for the equivalent of two years of performing suitable and significant tasks in an appropriate law-related setting, and consequent qualification for the study of law without the completion of general education coursework.

Admission under option 3 is at the discretion of the director, as no more than 10% of those admitted may come under this option.

Please note: All students who wish to complete a paralegal certificate program must apply for admission through the Undergraduate Admissions Office, including current Suffolk undergraduates. Current undergraduate students at Suffolk MAY NOT apply to the certificate program before their junior year, though they may take paralegal classes toward the certificate in their first two years.

Program of Study

The Certificate in Paralegal Studies program consists of eight four-credit courses: 5 required courses and 3 electives, for a total of 32 credits. Students are encouraged to take the required courses as early in their studies as possible. Please note that ALS 361 – Legal Research and Writing I is only guaranteed to be offered in the fall, and ALS 385 – Legal Research and Writing II is only guaranteed to be offered in the spring. Students should also note that ALS 264, ALS 265, and ALS 266 are not classes that can count toward the certificate. Certificate students must achieve a GPA of at least 2.0 in their ALS classes in order to receive a certificate.

- **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 Civil 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.

Type:

Social Science

- **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.

Type:

Social Science

- **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.

Elective Courses (12 credits/3 courses)

- **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**

Prerequisites:

Take ALS-264 or ALS-360;

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-374 Torts: Personal Injury Law**

Prerequisites:

Take ALS-362;

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

Type:

Expanded Classroom Requirement

- **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-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

Type:

Cultural Diversity Opt 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.

Type:

Social Science

2013-2014 Archived Catalog Information

NESAD Foundation

The critical first step for all NESAD students, regardless of their choice of major, is the foundation program. In your first year you will be introduced to the fundamentals of visual communication through a set of carefully designed and integrated courses. Foundation studies will teach you to perceive with freshness and insight, to analyze and solve visual problems and to execute your ideas with confidence and precision. You will be exposed to a broad range of techniques and media, from traditional to the latest digital media approaches. Foundation courses will provide the conceptual and technical orientation that will help you to succeed, both in your major program and as a professional artist or designer.

If you are an open (undeclared) major or a major in another department at Suffolk, and you would like to become a BFA candidate at NESAD, you must accomplish the following:

- Complete Foundation Drawing I (ADF S101), 2D/Color (ADF S166), and Integrated Seminar 1 (ADF S171) or Perspective & Rendering (ADI S108) (depending on the student's anticipated major).
- Earn a combined GPA of at least 2.7 in those courses, with no grade lower than a C+.
- Students who meet these conditions will be exempt from the NESAD portfolio requirement and will be invited to join the Bachelor of Fine Art (BFA) program.
- Students may petition the Foundation Portfolio Committee to review samples of their course work if the minimum GPA requirement is not met. Students also may solicit letters of recommendation from their professor(s) in support of their candidacy.
- At the end of the first semester, students who are not invited to join the BFA program will be strongly advised to pursue another major at the University. Such students may apply completed studio courses to an art minor, or use them as electives per the approval of their major program of study.

The entire foundation program or its equivalent is a prerequisite for entry into any of the major programs.

Foundation Program Courses

The letter "S" preceding a course number indicates a studio course, for which a studio fee will be assessed.

Please note: For graduate students, foundation course numbers will begin with a "5" rather than a "1." For example, Foundation Drawing I (ADF S101) should be listed as ADF S501, etc. Undergraduate students should use the course numbers listed here in the undergraduate catalog.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [1st-Year Foundation Studies BFA Requirements](#)
- [Foundation Studies Minor Requirements](#)
- [Foundation Course Descriptions](#)

Foundation BFA Requirements

- **ADF-S101 Foundation Drawing I**

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

- **ADF-S166 2D/Color**

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.

- **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

Interior design majors add:

- **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

Graphic design, fine arts, and illustration majors add:

- **ADF-S171 Integrated Studio 1**

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.

Spring Semester (15-16 Credits)

- **ADF-S152 3-Dimensional Design**

Prerequisites:

ADF S151, ADF S551, ADF S166, or ADF S566

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

- **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

Interior design majors add:

- **ADF-S172 Integrated Studio 2**

Prerequisites:

ADF S101

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.

- **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-S110 Digital Orthographics**

Prerequisites:

Take ADI-S108 OR ADI-S205;

Credits:

3.00

Description:

This course will enable the student to produce, manipulate and print 2-dimensional drawings using digital software including Computer Aided Drafting (CAD). Students will acquire the skills necessary for producing measured architectural plans, elevations and sections as well as isometric and axonometric drawing types. Fundamentals of illustrating drawings in color, light and shadow through digital programs will be introduced.

Term:

Offered Both Fall and Spring

Graphic design majors add:

- **ADF-S102 Foundation Drawing II**

Prerequisites:

ADF S101

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 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-S156 Imaging**

Prerequisites:

ADF S166

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-S172 Integrated Studio 2**

Prerequisites:

ADF S101

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.

Fine arts majors add:

- **ADF-S102 Foundation Drawing II**

Prerequisites:

ADF S101

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 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-S172 Integrated Studio 2**

Prerequisites:

ADF S101

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.

2013-2014

2013-2014

2013-2014

2013-2014 Archived Catalog Information

NESAD Foundation

The critical first step for all NESAD students, regardless of their choice of major, is the foundation program. In your first year you will be introduced to the fundamentals of visual communication through a set of carefully designed and integrated courses. Foundation studies will teach you to perceive with freshness and insight, to analyze and solve visual problems and to execute your ideas with confidence and precision. You will be exposed to a broad range of techniques and media, from traditional to the latest digital media approaches. Foundation courses will provide the conceptual and technical orientation that will help you to succeed, both in your major program and as a professional artist or designer.

If you are an open (undeclared) major or a major in another department at Suffolk, and you would like to become a BFA candidate at NESAD, you must accomplish the following:

- Complete Foundation Drawing I (ADF S101), 2D/Color (ADF S166), and Integrated Seminar 1 (ADF S171) or Perspective & Rendering (ADI S108) (depending on the student's anticipated major).
- Earn a combined GPA of at least 2.7 in those courses, with no grade lower than a C+.
- Students who meet these conditions will be exempt from the NESAD portfolio requirement and will be invited to join the Bachelor of Fine Art (BFA) program.
- Students may petition the Foundation Portfolio Committee to review samples of their course work if the minimum GPA requirement is not met. Students also may solicit letters of recommendation from their professor(s) in support of their candidacy.
- At the end of the first semester, students who are not invited to join the BFA program will be strongly advised to pursue another major at the University. Such students may apply completed studio courses to an art minor, or use them as electives per the approval of their major program of study.

The entire foundation program or its equivalent is a prerequisite for entry into any of the major programs.

Foundation Program Courses

The letter "S" preceding a course number indicates a studio course, for which a studio fee will be assessed.

Please note: For graduate students, foundation course numbers will begin with a "5" rather than a "1." For example, Foundation Drawing I (ADF S101) should be listed as ADF S501, etc. Undergraduate students should use the course numbers listed here in the undergraduate catalog.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [1st-Year Foundation Studies BFA Requirements](#)
- [Foundation Studies Minor Requirements](#)
- [Foundation Course Descriptions](#)

Studio art minor: Foundation studies (6 courses, 18 credits)

Required Courses:

- **ADF-S101 Foundation Drawing I**

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

- **ADF-S102 Foundation Drawing II**

Prerequisites:

ADF S101

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 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, ADF S551, ADF S166, or ADF S566

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**

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.

• **ADF-S171 Integrated Studio 1**

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.

• **ADF-S172 Integrated Studio 2**

Prerequisites:

ADF S101

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.

2013-2014

2013-2014

2013-2014

2013-2014 Archived Catalog Information

NESAD Foundation

The critical first step for all NESAD students, regardless of their choice of major, is the foundation program. In your first year you will be introduced to the fundamentals of visual communication through a set of carefully designed and integrated courses. Foundation studies will teach you to perceive with freshness and insight, to analyze and solve visual problems and to execute your ideas with confidence and precision. You will be exposed to a broad range of techniques and media, from traditional to the latest digital media approaches. Foundation courses will provide the conceptual and technical orientation that will help you to succeed, both in your major program and as a professional artist or designer.

If you are an open (undeclared) major or a major in another department at Suffolk, and you would like to become a BFA candidate at NESAD, you must accomplish the following:

- Complete Foundation Drawing I (ADF S101), 2D/Color (ADF S166), and Integrated Seminar 1 (ADF S171) or Perspective & Rendering (ADI S108) (depending on the student's anticipated major).
- Earn a combined GPA of at least 2.7 in those courses, with no grade lower than a C+.
- Students who meet these conditions will be exempt from the NESAD portfolio requirement and will be invited to join the Bachelor of Fine Art (BFA) program.
- Students may petition the Foundation Portfolio Committee to review samples of their course work if the minimum GPA requirement is not met. Students also may solicit letters of recommendation from their professor(s) in support of their candidacy.
- At the end of the first semester, students who are not invited to join the BFA program will be strongly advised to pursue another major at the University. Such students may apply completed studio courses to an art minor, or use them as electives per the approval of their major program of study.

The entire foundation program or its equivalent is a prerequisite for entry into any of the major programs.

Foundation Program Courses

The letter "S" preceding a course number indicates a studio course, for which a studio fee will be assessed.

Please note: For graduate students, foundation course numbers will begin with a "5" rather than a "1." For example, Foundation Drawing I (ADF S101) should be listed as ADF S501, etc. Undergraduate students should use the course numbers listed here in the undergraduate catalog.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [1st-Year Foundation Studies BFA Requirements](#)
- [Foundation Studies Minor Requirements](#)
- [Foundation Course Descriptions](#)
- 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

Type:

Humanities & History, Humanities Literature Requirement

• **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

Type:

Humanities & History, Humanities Literature Requirement

• **ADF-S101 Foundation Drawing I**

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

- **ADF-S102 Foundation Drawing II**

Prerequisites:

ADF S101

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 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-S143 Color**

Prerequisites:

Intended for majors only

Credits:

3.00

Description:

This course features a hands-on approach to the study of color as students create, modify and compare hues, values and strengths through the direct mixing and application of paint. Also explored will be issues of color harmony, chromatic light, space, color assimilation, and color psychology, as well as past and present views on the use of color in art and design. This intensive focus on the specific issues of color gives students experience with and flexibility in the use of color in their work.

Term:

Offered Both Fall and Spring

• ADF-S151 2-Dimensional Design

Credits:

3.00

Description:

The focus of this course is the fundamental logic and structure of two-dimensional organization. Emphasis will be placed on the essential elements of visual language: line, shape, value and texture. Students will learn to develop dynamic approaches to visual problem solving by combining these elements into a unified whole. Skills will include technical proficiency in a variety of wet and dry media, appropriate presentation of work, and the ability to discuss work critically.

Term:

Offered Both Fall and Spring

• ADF-S152 3-Dimensional Design

Prerequisites:

ADF S151, ADF S551, ADF S166, or ADF S566

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-S154 Design: Issues & Process**

Prerequisites:

ADF S151

Credits:

3.00

Description:

This course involves comprehensive design projects which concern more advanced visual issues, executed in a wide variety of media. Decision-making in the creative process and the development of strong design concepts will be emphasized. Areas of study will include: an investigation of the real world concerns of fine artists and designers, non-Western imagery and culture, and visual social engagement.

Term:

Offered Spring Term

- **ADF-S156 Imaging**

Prerequisites:

ADF S166

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**

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.

• ADF-S171 Integrated Studio 1

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.

• ADF-S172 Integrated Studio 2

Prerequisites:

ADF S101

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.

• ADF-S571 Integrated Studio 1

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.

2013-2014

2013-2014

2013-1

2013-2014 Archived Catalog Information

Art for Non-Majors

The minor in art requires six studio art courses (18 credits). An art minor may be earned in foundation studies, graphic design, illustration, or fine arts. BFA candidates are also eligible to pursue an art minor outside their major program of study, with the approval of the New England School of Art and Design (NESAD) department chair.

Please contact the NESAD department chair for a suggested program of study.

Students not enrolled in art majors or certificate programs may take NESAD courses provided they have met the prerequisite requirements.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Foundation Studies Minor Requirements](#)
- [Graphic Design Minor Requirements for BFA or BA/BS Students](#)
- [Fine Arts Minor Requirements for BA/BS Students](#)
- [Illustration Minor Requirements for BA/BS Students](#)
- [Courses](#)

Studio art minor: Foundation studies (6 courses, 18 credits)

Required Courses:

- ADF-S101 Foundation Drawing I

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

- **ADF-S102 Foundation Drawing II**

Prerequisites:

ADF S101

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 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, ADF S551, ADF S166, or ADF S566

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**

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.

- **ADF-S171 Integrated Studio 1**

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.

- **ADF-S172 Integrated Studio 2**

Prerequisites:

ADF S101

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.

2013-2014 Archived Catalog Information

Art for Non-Majors

The minor in art requires six studio art courses (18 credits). An art minor may be earned in foundation studies, graphic design, illustration, or fine arts. BFA candidates are also eligible to pursue an art minor outside their major program of study, with the approval of the New England School of Art and Design (NESAD) department chair.

Please contact the NESAD department chair for a suggested program of study.

Students not enrolled in art majors or certificate programs may take NESAD courses provided they have met the prerequisite requirements.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Foundation Studies Minor Requirements](#)
- [Graphic Design Minor Requirements for BFA or BA/BS Students](#)
- [Fine Arts Minor Requirements for BA/BS Students](#)
- [Illustration Minor Requirements for BA/BS Students](#)
- [Courses](#)

Studio art minor: graphic design (6 courses, 18 credits)

Required Foundation Course:

- ADF-S166 2D/Color

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.

Required Graphic Design Courses:

- ADG-S219 Computer Applications in Design

Prerequisites:

Intended for majors only

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-S201 Basic Typography**

Prerequisites:

ADF S151

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 an electronic format. Students will learn how to produce quality type in electronic format as well as experiment with and explore type through electronic manipulation.

Term:

Offered Spring Term

- **ADG-S206 Graphic Design I**

Prerequisites:

ADF S151

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 include societal issues.

Term:

Offered Spring Term

2013-2014 Archived Catalog Information

Art for Non-Majors

The minor in art requires six studio art courses (18 credits). An art minor may be earned in foundation studies, graphic design, illustration, or fine arts. BFA candidates are also eligible to pursue an art minor outside their major program of study, with the approval of the New England School of Art and Design (NESAD) department chair.

Please contact the NESAD department chair for a suggested program of study.

Students not enrolled in art majors or certificate programs may take NESAD courses provided they have met the prerequisite requirements.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Foundation Studies Minor Requirements](#)
- [Graphic Design Minor Requirements for BFA or BA/BS Students](#)
- [Fine Arts Minor Requirements for BA/BS Students](#)
- [Illustration Minor Requirements for BA/BS Students](#)
- [Courses](#)

The studio art minor in fine arts consists of 6 courses (18 credits).

Required Foundation Courses:

- ADF-S101 Foundation Drawing I

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

- ADF-S102 Foundation Drawing II

Prerequisites:

ADF S101

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 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

Foundation/Fine Arts Courses (choose four)

- **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, ADF S551, ADF S166, or ADF S566

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**

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.

• **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-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-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**

Prerequisites:

ADF S102

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. Open to NESADSU majors only.

Term:

Offered Fall 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-S330 Experimental Drawing & Painting**

Prerequisites:

Take ADF-S123; or Instructor's Permission.

Credits:

3.00

Description:

This course is designed to provide a workshop style environment for students to achieve an increasingly sophisticated level of mastery. Students are encouraged to develop their own area of interest in painting and drawing. In class models will be available to those who want to work figuratively. Individual and group critiques are integrated into the semesters work. The class will study the works of contemporary and historical painters. This is not a class for beginning students.

Term:

Offered Both Fall and Spring

• **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

Other courses available per advisor consent

2013-2014 Archived Catalog Information

Art for Non-Majors

The minor in art requires six studio art courses (18 credits). An art minor may be earned in foundation studies, graphic design, illustration, or fine arts. BFA candidates are also eligible to pursue an art minor outside their major program of study, with the approval of the New England School of Art and Design (NESAD) department chair.

Please contact the NESAD department chair for a suggested program of study.

Students not enrolled in art majors or certificate programs may take NESAD courses provided they have met the prerequisite requirements.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Foundation Studies Minor Requirements](#)
- [Graphic Design Minor Requirements for BFA or BA/BS Students](#)
- [Fine Arts Minor Requirements for BA/BS Students](#)
- [Illustration Minor Requirements for BA/BS Students](#)
- [Courses](#)

Studio Art Minor: Illustration for BA/BS Students

(6 courses, 18 credits)

Required Courses:

- ADF-S101 Foundation Drawing I

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

- **ADF-S102 Foundation Drawing II**

Prerequisites:

ADF S101

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 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**

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.

- **ADIL-S201 Illustration I: Visual Communication**

Prerequisites:

Take ADF-S102 ADF-S143 ADF-S151;

Credits:

3.00

Description:

This course introduces fundamental concepts and principles of visual communication, with emphasis on the development of visual literacy," which is the basis for understanding the issues involved in effective communication of ideas and storytelling. Topics include staging, atmosphere, sequential narrative and timing,

iconography, visual metaphor and analogy, and the meaning inherent in all visual forms (composition, style, and technique). Informed by lecture, discussion, examples, and selected readings, students explore these concepts through a series of assignments, each presenting a different set of defined objectives and considerations related to audience and general function of the illustration (descriptive, expressive, narrative, iconographic, metaphoric, etc.). Through preliminary studies and sketches, students are encouraged to explore multiple solutions and strive for the most successful results, with thoughtful consideration of concept, drawing issues, composition, and technical concerns. Student work is evaluated on the basis of originality and effectiveness (process, appropriateness, readability, visual impact).

Term:

Offered Fall Term

- **ADIL-S202 Illustration II: Process & Practice**

Prerequisites:

ADIL-S201;

Credits:

3.00

Description:

This course expands on concepts and principles introduced in Illustration I, with special emphasis on idea generation and the process of picture making. Through sequenced illustration assignments, students explore customary illustration practices as they have evolved from the days of early book illustration and letterpress technology to contemporary demands for immediate changes to digital files. Because illustration typically involves creative collaboration (art direction), because it is an applied art, with explicit purpose and function, and because it has traditionally been produced to be reproduced, the illustration process typically involves a series of steps, including preliminary research, brainstorming, thumbnail sketches, concept and layout approval, compositional studies, collection or creation of visual reference, tight sketches, image approval, comprehensive roughs and final art, with final approval. There may be particular requirements for presentation and formatting, depending on whether the image is for print or digital reproduction. Illustrators have always used a wide variety of media and techniques; most of them devise unique methods that contribute to a unique personal style. In this course, each assignment addresses an instructor-defined set of parameters related to a particular illustration market, a target audience and an application. Students practice visual problem solving within these constraints, using their choice of media, approach and technique. 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. Evaluation is based on the results, on the efficiency and effectiveness of the preliminary process, and on the ability of students to maintain artistic integrity while, at the same time, satisfying assignment requirements.

Term:

Offered Spring Term

Choose one:

- **ADIL-S223 Traditional Techniques in Illustration**

Prerequisites:

Take ADF-S102, ADF-S151, and ADF-S143;

Credits:

3.00

Description:

This course provides students with an opportunity to explore a variety of wet and dry media, materials, tools and approaches traditionally used for illustration. Imagery that is reproduced and distributed in print form must dry quickly and reproduce well, and because historically, it has been necessary to transport, store and reproduce illustration, it is typically (but not always) relatively small in format. Media include ink, transparent watercolor, gouache, acrylic, oil, pastel, color pencil, on a variety of surfaces, handled expressively or with precision and often used in combination. In this course, assignments address a range of subject matter, rendered or painted from direct observation, still life, wildlife, urban and natural landscape, portrait, and clothed figure. Preliminary exercises provide opportunities for experimentation and technical practice. Assignments are evaluated on the basis of technical process and proficiency, composition (cropping), knowledge of issues related to readability and reproduction, and the mixing of pigment to match observed value and color, as an indication of understanding and skillful application of color theory

Term:

Offered Fall Term

• ADIL-S255 Digital Techniques

Prerequisites:

Take ADF-S143 and ADF-S156;

Credits:

3.00

Description:

This course builds on the introduction to digital media presented in the Foundation curriculum. Essential tools and techniques of Adobe Photoshop (photo retouching software) are explored and then compared to essential digital drawing and painting tools and techniques of Corel Painter (painting simulation software) and Autodesk Sketch Book Pro (drawing software). Students explore the basic tools and techniques of vector-based software through Adobe Illustrator (graphics software). Exploration and explanation of the interface, terminology, navigation and controls of Blender provides a very basic introduction to 3D computer modeling. Similarities and essential differences between applications are emphasized to help students appreciate the particular usefulness and limitations of these different applications. Basic scanning, printing, and presentation procedures are reviewed, with attention to efficient file management, basic formatting for print and web, as well as the use of Help menus and tutorials. Two assignments involve the incorporation of type (in Illustrator and Photoshop).

Term:

Offered Spring Term

• 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

• **ADIL-S500 Illustration Directed Studio**

Prerequisites:

Instructor's Approval

Credits:

3.00

Description:

The student completes a directed study project, either studio (ADIL S500) or non-studio (ADIL 500), under the supervision of an Illustration faculty member. All Directed Studio request forms must be accompanied by a written proposal and schedule and must be approved by the individual faculty member, the Illustration Program Director, and the NESADSU Chairman. Available every semester.

2013-2014 Archived Catalog Information

Art for Non-Majors

The minor in art requires six studio art courses (18 credits). An art minor may be earned in foundation studies, graphic design, illustration, or fine arts. BFA candidates are also eligible to pursue an art minor outside their major program of study, with the approval of the New England School of Art and Design (NESAD) department chair.

Please contact the NESAD department chair for a suggested program of study.

Students not enrolled in art majors or certificate programs may take NESAD courses provided they have met the prerequisite requirements.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Foundation Studies Minor Requirements](#)
- [Graphic Design Minor Requirements for BFA or BA/BS Students](#)
- [Fine Arts Minor Requirements for BA/BS Students](#)
- [Illustration Minor Requirements for BA/BS Students](#)
- [Courses](#)
- **ART-01 Jumpstart Art**

Credits:

0.00

Description:

This is a 10-week introduction to basic studio skills and concepts for Undecided majors who need to assemble an Admission's portfolio for the BFA program. The course is designed to support students and to ensure their success by focusing on studio course homework. Special topic presentations will enrich and challenge students' learning experiences. Undecided majors must take ART 01 concurrently with first semester Foundation studio courses.

Term:

Offered Both Fall and Spring

- **ART-02 Pre-College**

Credits:

0.00

Description:

Intended for high school students and recent high school graduates. Normally offered summer semester.

- **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

- **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

2013-2014 Archived Catalog Information

Art History

The history of art embodies the human imagination, human history, and the rich tapestry of human cultures in a memorable and accessible form. Art history is an examination of how images and monuments communicate and how they function in society: to teach us, move us, and to exalt us – and also, occasionally, to mislead us and to sway our opinions against our better judgment. The study of art provides an access to other cultures, other eras, and other ways of thinking, and will prepare you for your junior year abroad and for an entire lifetime of thinking and living with a global and historical perspective.

The art history major and minor are offered through the Department of World Languages and Cultural Studies. The art history major requires 38-40 hours of coursework. The art history minor requires 24 hours of coursework.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors in Art History](#)
- [Art History Courses](#)

To meet the requirements for the art history major, students must complete ten courses (38-40 credits).

Foundation Requirement (2 courses, 8 credits)

- **ARH-101 Art History I**

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

• ARH-102 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:

Humanities & History, Humanities Literature Requirement

Upper Level Course Requirement (6-8 courses, 24-32 credits)

Chosen from among the following courses. At least one of the six-eight courses must be ARH 401, The Seminar in Art History. ARH 401 may be taken more than once when topic varies.

• ARH-305 Art of Greece and Rome

Credits:

4.00

Description:

An examination of the civic, religious, and domestic art and architecture of the Ancient Mediterranean cultures of Greece and Rome. Temples, forums, basilicas, city planning, sculpture, pottery, wall painting, mosaics, and engineering achievements will be examined in their cultural contexts.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-306 Art of the Middle Ages

Credits:

4.00

Description:

Religious and secular painting, sculpture and architecture and the minor arts in the context of medieval civilization. Examples of mosaic, ivory carvings, manuscript illumination, enamel work, stained glass, altarpieces, fresco painting, basilica churches, monasteries, and cathedrals from early Christian, Byzantine, Barbarian, Carolingian, Ottonian, Romanesque, and Gothic periods included.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• **ARH-307 Art of the Italian Renaissance**

Credits:

4.00

Description:

Painting, sculpture and architecture of the 14th, 15th, and 16th centuries in Italy viewed in their cultural context. Issues covered include the search for ideal form, the tools of realism, changes in patronage, and the development of portraiture. Artists include Giotto, Masaccio, Donatello, Leonardo da Vinci, Raphael, Michelangelo, and Titian.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• **ARH-308 Art of the Baroque & Rococo**

Credits:

4.00

Description:

A study of 17th and 18th century painting, sculpture and architecture in Italy, Spain and Northern Europe. Artists include Rembrandt, Rubens, Caravaggio, Bernini, Poussin, Velasquez, Watteau, Boucher, Fragonard, Chardin, and Hogarth.

Term:

Occasional

Type:

- **ARH-309 Art of the 19th Century**

Credits:

4.00

Description:

A study of Neoclassicism, Romanticism, Realism, Landscape painting and Impressionism in European painting. Artists include David, Ingres, Friedrich, Constable, Delacroix, Goya, Courbet, Millet, Daumier, Manet, Monet, Renoir, Degas, and Cassatt.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-310 Modernism in Art**

Credits:

4.00

Description:

A study of European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, Suprematism, Constructivism, De Stijl, The Bauhaus, Dada and Surrealism. Artists include Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Malevich, Mondrian, Duchamp, Masson, Magritte, Dali and Ernst. Normally offered alternate years.

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-311 American Art**

Credits:

4.00

Description:

A study of American painting, sculpture, photography and architecture from the colonial period through WWII. Artists include the Freake limner, Smibert, Copley, West, Stuart, Jefferson, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole Church, Bingham, Lane, Hosmer, Inness, Sloan, Sullivan, Wright, Hopper, Sheeler, Davis, Shahn, O'Keefe, Dove, Hartley, Marin, Bellows, Riis, Hine, Stieglitz, Strand, Weston, Steichen and Lange.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-312 Art of the Northern Renaissance**

Credits:

4.00

Description:

Painting, sculpture, and architecture of the 14th, 15th and 16th centuries in Northern Europe, viewed in their historical context. Issues included the invention of oil painting, the development of woodcut and engraving, the effect of the Reformation on art, and the relationship to the Renaissance in Italy. Artists include van Eyck, Durer and Brueghel.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-316 Contemporary Art**

Credits:

4.00

Description:

A study of European and American art since WWII, including Abstract Expressionism, Colorfield Painting, Pop Art, Minimalism, Neo-Dada, Happenings and Performance Art, Earth Art, Feminism, Neo-Expressionism and Post-Modernism. Artists include Bacon, Giacometti, Hofmann, Pollock, De Kooning, Frankenthaler, Rothko, Newman, Stella, Judd, Andre, Hesse, Calder, David Smith, Serra, Johns, Rauschenberg, Warhol, Lichtenstein, Smithson, Holt, Christo, Nevelson, Kaprow, Kosuth, Kruger, Sherman, Baldessari, Salle, Polke, Basquiat, Kiefer, and Haring.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-318 Art and Museums Today**

Credits:

4.00

Description:

This course examines the art world of the past 20 or so years with special attention to the roles and exhibition practices of contemporary art museums and galleries. Questions addressed will include: Who are the major artists and what are the major trends in today's art world? What civic and educational roles have museums played historically, and what are their roles today? How do different approaches to exhibit display and interpretation fulfill those roles? Class visits and assignments at the Boston Institute of Contemporary Art (ICA) and other local venues will examine these issues in practical application. This course fulfills the ECR requirement.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-320 Visual Culture of New England**

Credits:

4.00

Description:

This course explores the rich cultural heritage of New England from the late seventeenth century to the early decades of the twentieth. Particular attention will be paid to the role that New England and the city of Boston played within a national cultural context and in shaping our ideas of a distinctly New England aesthetic. One of the goals of this course is to explore the idea of the imagined and idealized New England, which has come to serve as a nostalgic symbol of America's past. Through an examination of paintings, sculpture, photography, architecture, and material culture, the class offers an in-depth look at the ways New England developed its distinctive character and personality, and how its visual culture has shaped the region.

Term:

Alternates Fall & Spring

Type:

Humanities Literature Requirement, Humanities & History

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

Credits:

4.00

Description:

This course covers women artists from the sixteenth century to the present as well as the new direction of art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B,BFA Humanities Requirement,Cultural Diversity BFA,

• **ARH-347 History of Photography**

Credits:

4.00

Description:

An introduction to the study of photographs. The history of the medium in Europe and America from its invention to the present. Lectures address photographic theory and methodology, and photographs are studied both as art objects and as historical artifacts. Topics include portraiture, documentary photography and photojournalism, Pictorialism and art photography, landscape photography, and issues of gender, race,identity, and the body.

Term:

Occasional

Type:

Humanities Literature Requirement,Humanities & History

• **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:

Humanities Literature Requirement,Humanities & History

- **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

Type:

Humanities & History, Humanities Literature Requirement

Related Options (maximum of 2 courses, 6-8 credits)

Two of the eight upper-level courses may be taken outside of the Department of World Languages and 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: (Other courses may be permitted at the discretion of the major advisor.)

- **ADF-S101 Foundation Drawing I**

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

- **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-S143 Color**

Prerequisites:

Intended for majors only

Credits:

3.00

Description:

This course features a hands-on approach to the study of color as students create, modify and compare hues, values and strengths through the direct mixing and application of paint. Also explored will be issues of color harmony, chromatic light, space, color assimilation, and color psychology, as well as past and present views on the use of color in art and design. This intensive focus on the specific issues of color gives students experience with and flexibility in the use of color in their work.

Term:

Offered Both Fall and Spring

- **ADF-S151 2-Dimensional Design**

Credits:

3.00

Description:

The focus of this course is the fundamental logic and structure of two-dimensional organization. Emphasis will be placed on the essential elements of visual language: line, shape, value and texture. Students will learn to develop dynamic approaches to visual problem solving by combining these elements into a unified whole. Skills will include technical proficiency in a variety of wet and dry media, appropriate presentation of work, and the ability to discuss work critically.

Term:

- **ADF-S152 3-Dimensional Design**

Prerequisites:

ADF S151, ADF S551, ADF S166, or ADF S566

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 Renaissances introduces the language of art. Normally offered during the summer. Offered in Italy only.

Type:

Expanded Classroom Requirement

- **ADFA-306 Art & Culture of Asia, Africa, South America and Oceania**

Credits:

4.00

Description:

The coursework introduces students to the artistic and visual traditions from South and East Asia, Africa, Oceania and the Americas. In addition to the material culture of the particular region under study, the coursework will consider socio-political ideals, religious belief systems, and cultural principles that 'shaped' or informed the work and the ideology of civilizations beyond the Western hemisphere. Comparative analysis among non-western and western traditions will be used to critically analyze the salient points of influence, rejection and modifications of aesthetic affinities. Class lectures will be supplemented with museum seminars specifically the rich non-western collections at the MFA, Boston. Guided field trips to the museum will allow students to formally analyze the works of art discussed in lecture and text material.

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Humanities & History,Expanded Classroom

- **ADFA-345 Art of India**

Credits:

4.00

Description:

A chronological survey of South Asian art (2300 BCE - 1750 CE) including India, Pakistan, Bangladesh, and Nepal. Examination of art and architecture from their first and still mysterious beginnings in the Indus Valley, through the great masterpieces of Buddhist and Hindu art to the coming of Islam, including the eclectic culture of the Mughal courts and the golden age of miniature paintings. Consideration is given to the multiple aspects of patronage in Indian culture - religious, political, economic - through case studies of individual works of art and architecture. (Formerly HUM 345)

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement,Asian Studies

- **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

Type:

Humanities & History

- **CJN-257 Advertising**

Credits:

4.00

Description:

Theoretical and practical applications of communication are considered in terms of advertising strategies and campaigns for media.

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-290 Women in Struggle on Film**

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History

- **CJN-291 Film Studies: the Modern Era**

Credits:

4.00

Description:

Film history 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:

Offered Spring Term

Type:

Humanities & History

- **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

Type:

Humanities & History, Humanities Literature Requirement

- **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:

A survey of films from Argentina, Mexico, Cuba, and other Latin American countries. Taking the Cuban Revolution as our point of departure we shall explore the relationship between film and society and think about how our own understanding of a culture and its history is often shaped by the images that we receive on the screen. All films shown in Spanish with English subtitles. Discussions in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• 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.

Type:

Humanities & History, Humanities Literature Requirement

Notes:

- A relevant Seminar for Freshmen with a strong concentration in art history or visual culture may also count toward the major requirements.
- 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 ten courses (24 of the 38-40 credit hours) must be fulfilled through coursework offered by the Department of World Languages and Cultural Studies.
- AP credit cannot be applied toward the major.

2013-2014 Archived Catalog Information

Art History

The history of art embodies the human imagination, human history, and the rich tapestry of human cultures in a memorable and accessible form. Art history is an examination of how images and monuments communicate and how they function in society: to teach us, move us, and to exalt us – and also, occasionally, to mislead us and to sway our opinions against our better judgment. The study of art provides an access to other cultures, other eras, and other ways of thinking, and will prepare you for your junior year abroad and for an entire lifetime of thinking and living with a global and historical perspective.

The art history major and minor are offered through the Department of World Languages and Cultural Studies. The art history major requires 38-40 hours of coursework. The art history minor requires 24 hours of coursework.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors in Art History](#)
- [Art History Courses](#)

Sample Four-Year Curriculum for Art History Major

Freshman Year

Fall (4 courses,16 credits)

Seminar for Freshmen

ENG 101

ARH 101

MATH 130 or equivalent

Spring (4 courses,16 credits)

Free Elective or Minor

ENG 102

ARH 102

Social Science requirement

Sophomore Year

Fall (4 courses,16 credits)

Science (with lab)
Modern Language requirement
Art History upper-level
Cultural Diversity A or B*

Spring (4 courses,16 credits)

Ethics requirement
Modern Language requirement
Art History upper-level
Free Elective or Minor

Junior Year (in residence or abroad)**

Fall (4 courses,16 credits)

Non-lab Science requirement
Cultural Diversity A or B*
Art History upper-level
Free Elective or Minor

Spring (4 courses,16 credits)

Literature requirement
Art History (or related option)
Art History upper-level
Free Elective or Minor

Senior Year

Fall (4 courses,16 credits)

Art History upper-level
Art History (or Honors Thesis)
Free Elective or Minor
Free Elective or Minor

Spring (4 courses,16 credits)

Art History (or related option)
Free Elective or Minor
Free Elective or Minor
Free Elective or Minor

*Courses fulfilling the Cultural Diversity requirement may be double-counted with core or major requirements. Please consult the relevant section in this catalog for details.

**Core requirements include an Expanded Classroom Experience. Art history majors are encouraged to fulfill this requirement through a semester or yearlong study abroad program during their junior year.

2013-2014 Archived Catalog Information

Art History

The history of art embodies the human imagination, human history, and the rich tapestry of human cultures in a memorable and accessible form. Art history is an examination of how images and monuments communicate and how they function in society: to teach us, move us, and to exalt us – and also, occasionally, to mislead us and to sway our opinions against our better judgment. The study of art provides an access to other cultures, other eras, and other ways of thinking, and will prepare you for your junior year abroad and for an entire lifetime of thinking and living with a global and historical perspective.

The art history major and minor are offered through the Department of World Languages and Cultural Studies. The art history major requires 38-40 hours of coursework. The art history minor requires 24 hours of coursework.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors in Art History](#)
- [Art History Courses](#)

The art history minor consists of six courses (24 credits).

Foundation Requirement (2 courses,8 credits)

- ARH-101 Art History I

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-102 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:

Humanities & History, Humanities Literature Requirement

Upper Level Course Requirement (4 courses, 16 credits)

Chosen from among the following humanities courses:

- **ARH-305 Art of Greece and Rome**

Credits:

4.00

Description:

An examination of the civic, religious, and domestic art and architecture of the Ancient Mediterranean cultures of Greece and Rome. Temples, forums, basilicas, city planning, sculpture, pottery, wall painting, mosaics, and engineering achievements will be examined in their cultural contexts.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-306 Art of the Middle Ages**

Credits:

4.00

Description:

Religious and secular painting, sculpture and architecture and the minor arts in the context of medieval civilization. Examples of mosaic, ivory carvings, manuscript illumination, enamel work, stained glass, altarpieces, fresco painting, basilica churches, monasteries, and cathedrals from early Christian, Byzantine, Barbarian, Carolingian, Ottonian, Romanesque, and Gothic periods included.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-307 Art of the Italian Renaissance

Credits:

4.00

Description:

Painting, sculpture and architecture of the 14th, 15th, and 16th centuries in Italy viewed in their cultural context. Issues covered include the search for ideal form, the tools of realism, changes in patronage, and the development of portraiture. Artists include Giotto, Masaccio, Donatello, Leonardo da Vinci, Raphael, Michelangelo, and Titian.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-308 Art of the Baroque & Rococo

Credits:

4.00

Description:

A study of 17th and 18th century painting, sculpture and architecture in Italy, Spain and Northern Europe. Artists include Rembrandt, Rubens, Caravaggio, Bernini, Poussin, Velasquez, Watteau, Boucher, Fragonard, Chardin, and Hogarth.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-309 Art of the 19th Century

Credits:

4.00

Description:

A study of Neoclassicism, Romanticism, Realism, Landscape painting and Impressionism in European painting. Artists include David, Ingres, Friedrich, Constable, Delacroix, Goya, Courbet, Millet, Daumier, Manet, Monet, Renoir, Degas, and Cassatt.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-310 Modernism in Art

Credits:

4.00

Description:

A study of European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, Suprematism, Constructivism, De Stijl, The Bauhaus, Dada and Surrealism. Artists include Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Malevich, Mondrian, Duchamp, Masson, Magritte, Dali and Ernst. Normally offered alternate years.

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-311 American Art

Credits:

4.00

Description:

A study of American painting, sculpture, photography and architecture from the colonial period through WWII. Artists include the Freake limner, Smibert, Copley, West, Stuart, Jefferson, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole Church, Bingham, Lane, Hosmer, Inness, Sloan, Sullivan, Wright, Hopper, Sheeler, Davis, Shahn, O'Keefe, Dove, Hartley, Marin, Bellows, Riis, Hine, Stieglitz, Strand, Weston, Steichen and Lange.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-312 Art of the Northern Renaissance**

Credits:

4.00

Description:

Painting, sculpture, and architecture of the 14th, 15th and 16th centuries in Northern Europe, viewed in their historical context. Issues included the invention of oil painting, the development of woodcut and engraving, the effect of the Reformation on art, and the relationship to the Renaissance in Italy. Artists include van Eyck, Durer and Brueghel.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-316 Contemporary Art**

Credits:

4.00

Description:

A study of European and American art since WWII, including Abstract Expressionism, Colorfield Painting, Pop Art, Minimalism, Neo-Dada, Happenings and Performance Art, Earth Art, Feminism, Neo-Expressionism and Post-Modernism. Artists include Bacon, Giacometti, Hofmann, Pollock, De Kooning, Frankenthaler, Rothko, Newman, Stella, Judd, Andre, Hesse, Calder, David Smith, Serra, Johns, Rauschenberg, Warhol, Lichtenstein, Smithson, Holt, Christo, Nevelson, Kaprow, Kosuth, Kruger, Sherman, Baldessari, Salle, Polke, Basquiat, Kiefer, and Haring.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-318 Art and Museums Today**

Credits:

4.00

Description:

This course examines the art world of the past 20 or so years with special attention to the roles and exhibition practices of contemporary art museums and galleries. Questions addressed will include: Who are the major artists and what are the major trends in today's art world? What civic and educational roles have museums played historically, and what are their roles today? How do different approaches to exhibit display and interpretation fulfill those roles? Class visits and assignments at the Boston Institute of Contemporary Art (ICA) and other local venues will examine these issues in practical application. This course fulfills the ECR requirement.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement, Humanities & History, Humanities Literature Requirement

• **ARH-320 Visual Culture of New England**

Credits:

4.00

Description:

This course explores the rich cultural heritage of New England from the late seventeenth century to the early decades of the twentieth. Particular attention will be paid to the role that New England and the city of Boston played within a national cultural context and in shaping our ideas of a distinctly New England aesthetic. One of the goals of this course is to explore the idea of the imagined and idealized New England, which has come to serve as a nostalgic symbol of America's past. Through an examination of paintings, sculpture, photography, architecture, and material culture, the class offers an in-depth look at the ways New England developed its distinctive character and personality, and how its visual culture has shaped the region.

Term:

Alternates Fall & Spring

Type:

Humanities Literature Requirement, Humanities & History

• **ARH-321 Women, Art & Society**

Credits:

4.00

Description:

This course covers women artists from the sixteenth century to the present as well as the new direction of art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B,BFA Humanities Requirement,Cultural Diversity BFA,

• **ARH-347 History of Photography**

Credits:

4.00

Description:

An introduction to the study of photographs. The history of the medium in Europe and America from its invention to the present. Lectures address photographic theory and methodology, and photographs are studied both as art objects and as historical artifacts. Topics include portraiture, documentary photography and photojournalism, Pictorialism and art photography, landscape photography, and issues of gender, race,identity, and the body.

Term:

Occasional

Type:

Humanities Literature Requirement,Humanities & History

• **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:

Humanities Literature Requirement,Humanities & History

Notes:

- A relevant Seminar for Freshmen with a strong concentration in art history or visual culture may also count toward the minor requirements.
- 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 Department of World Languages and Cultural Studies.
- AP credit cannot be applied toward the minor.

2013-2014 Archived Catalog Information

Art History

The history of art embodies the human imagination, human history, and the rich tapestry of human cultures in a memorable and accessible form. Art history is an examination of how images and monuments communicate and how they function in society: to teach us, move us, and to exalt us – and also, occasionally, to mislead us and to sway our opinions against our better judgment. The study of art provides an access to other cultures, other eras, and other ways of thinking, and will prepare you for your junior year abroad and for an entire lifetime of thinking and living with a global and historical perspective.

The art history major and minor are offered through the Department of World Languages and Cultural Studies. The art history major requires 38-40 hours of coursework. The art history minor requires 24 hours of coursework.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors in Art History](#)
- [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 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.

2013-2014 Archived Catalog Information

Art History

The history of art embodies the human imagination, human history, and the rich tapestry of human cultures in a memorable and accessible form. Art history is an examination of how images and monuments communicate and how they function in society: to teach us, move us, and to exalt us – and also, occasionally, to mislead us and to sway our opinions against our better judgment. The study of art provides an access to other cultures, other eras, and other ways of thinking, and will prepare you for your junior year abroad and for an entire lifetime of thinking and living with a global and historical perspective.

The art history major and minor are offered through the Department of World Languages and Cultural Studies. The art history major requires 38-40 hours of coursework. The art history minor requires 24 hours of coursework.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors in Art History](#)
- [Art History Courses](#)

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- **ARH-101 Art History I**

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-102 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:

Humanities & History, Humanities Literature Requirement

- **ARH-305 Art of Greece and Rome**

Credits:

4.00

Description:

An examination of the civic, religious, and domestic art and architecture of the Ancient Mediterranean cultures of Greece and Rome. Temples, forums, basilicas, city planning, sculpture, pottery, wall painting, mosaics, and engineering achievements will be examined in their cultural contexts.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-306 Art of the Middle Ages**

Credits:

4.00

Description:

Religious and secular painting, sculpture and architecture and the minor arts in the context of medieval civilization. Examples of mosaic, ivory carvings, manuscript illumination, enamel work, stained glass, altarpieces, fresco painting, basilica churches, monasteries, and cathedrals from early Christian, Byzantine, Barbarian, Carolingian, Ottonian, Romanesque, and Gothic periods included.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-307 Art of the Italian Renaissance**

Credits:

4.00

Description:

Painting, sculpture and architecture of the 14th, 15th, and 16th centuries in Italy viewed in their cultural context. Issues covered include the search for ideal form, the tools of realism, changes in patronage, and the development of portraiture. Artists include Giotto, Masaccio, Donatello, Leonardo da Vinci, Raphael, Michelangelo, and Titian.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-308 Art of the Baroque & Rococo**

Credits:

4.00

Description:

A study of 17th and 18th century painting, sculpture and architecture in Italy, Spain and Northern Europe. Artists include Rembrandt, Rubens, Caravaggio, Bernini, Poussin, Velasquez, Watteau, Boucher, Fragonard, Chardin, and Hogarth.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-309 Art of the 19th Century**

Credits:

4.00

Description:

A study of Neoclassicism, Romanticism, Realism, Landscape painting and Impressionism in European painting. Artists include David, Ingres, Friedrich , Constable, Delacroix, Goya, Courbet, Millet, Daumier, Manet, Monet, Renoir, Degas, and Cassatt.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• **ARH-310 Modernism in Art**

Credits:

4.00

Description:

A study of European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, Suprematism, Constructivism, De Stijl, The Bauhaus, Dada and Surrealism. Artists include Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Malevich, Mondrian, Duchamp, Masson, Magritte, Dali and Ernst. Normally offered alternate years.

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• **ARH-311 American Art**

Credits:

4.00

Description:

A study of American painting, sculpture, photography and architecture from the colonial period through WWII. Artists include the Freake limner, Smibert, Copley, West, Stuart, Jefferson, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole Church, Bingham, Lane, Hosmer, Inness, Sloan, Sullivan, Wright, Hopper, Sheeler, Davis, Shahn, O' Keefe, Dove, Hartley, Marin, Bellows, Riis, Hine, Stieglitz, Strand, Weston, Steichen and Lange.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-312 Art of the Northern Renaissance**

Credits:

4.00

Description:

Painting, sculpture, and architecture of the 14th, 15th and 16th centuries in Northern Europe, viewed in their historical context. Issues included the invention of oil painting, the development of woodcut and engraving, the effect of the Reformation on art, and the relationship to the Renaissance in Italy. Artists include van Eyck, Durer and Brueghel.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-315 Modernism and Spanish Masters**

Credits:

4.00

Description:

This course examines the Spanish contributions to Modern art with a specific concentration on the Spanish masters Goya, Picasso, Dali and Miro. Through these artists, the course will explore one of the most controversial periods of Spanish and European history, from the 19th through the dawn of the 20th century. The course is offered only at Suffolk's Madrid campus. Students will take advantage of the rich cultural offerings of the city by making frequent visits to the Prado, Thyssen and Reina Sofia museums. (Taught in Madrid)

Term:

Occasional

Type:

Humanities Literature Requirement, Humanities & History

- **ARH-316 Contemporary Art**

Credits:

4.00

Description:

A study of European and American art since WWII, including Abstract Expressionism, Colorfield Painting, Pop Art, Minimalism, Neo-Dada, Happenings and Performance Art, Earth Art, Feminism, Neo-Expressionism and Post-Modernism. Artists include Bacon, Giacometti, Hofmann, Pollock, De Kooning, Frankenthaler, Rothko, Newman, Stella, Judd, Andre, Hesse, Calder, David Smith, Serra, Johns, Rauschenberg, Warhol, Lichtenstein, Smithson, Holt, Christo, Nevelson, Kaprow, Kosuth, Kruger, Sherman, Baldessari, Salle, Polke, Basquiat, Kiefer, and Haring.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• ARH-318 Art and Museums Today

Credits:

4.00

Description:

This course examines the art world of the past 20 or so years with special attention to the roles and exhibition practices of contemporary art museums and galleries. Questions addressed will include: Who are the major artists and what are the major trends in today's art world? What civic and educational roles have museums played historically, and what are their roles today? How do different approaches to exhibit display and interpretation fulfill those roles? Class visits and assignments at the Boston Institute of Contemporary Art (ICA) and other local venues will examine these issues in practical application. This course fulfills the ECR requirement.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement, Humanities & History, Humanities Literature Requirement

• ARH-320 Visual Culture of New England

Credits:

4.00

Description:

This course explores the rich cultural heritage of New England from the late seventeenth century to the early decades of the twentieth. Particular attention will be paid to the role that New England and the city of Boston played within a national cultural context and in shaping our ideas of a distinctly New England aesthetic. One of the goals of this course is to explore the idea of the imagined and idealized New England, which has come to serve as a nostalgic symbol of America's past. Through an examination of paintings, sculpture, photography, architecture, and material culture, the class offers an in-depth look at the ways New England developed its distinctive character and personality, and how its visual culture has shaped the region.

Term:

Alternates Fall & Spring

Type:

Humanities Literature Requirement, Humanities & History

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

Credits:

4.00

Description:

This course covers women artists from the sixteenth century to the present as well as the new direction of art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, Cultural Diversity Opt B, BFA Humanities Requirement, Cultural Diversity BFA,

- **ARH-347 History of Photography**

Credits:

4.00

Description:

An introduction to the study of photographs. The history of the medium in Europe and America from its invention to the present. Lectures address photographic theory and methodology, and photographs are studied both as art objects and as historical artifacts. Topics include portraiture, documentary photography and photojournalism, Pictorialism and art photography, landscape photography, and issues of gender, race, identity, and the body.

Term:

Occasional

Type:

Humanities Literature Requirement, Humanities & History

- **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:

Humanities Literature Requirement, Humanities & History

• **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

Type:

Humanities & History, Humanities Literature Requirement

2013-2014 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.

Students majoring in Asian studies are required to master at least one Asian language on the advanced-intermediate level. In addition, students should have one semester, summer, or short-term study abroad experience in Asia or an alternative Asian American community experience in the local area, with the permission of the director.

Because the field is vast, each student needs to work closely with the director of the program and a faculty advisor to design an academic plan that meets individual interests and career goals. This plan should have a thematic emphasis or area emphasis, such as history and culture, politics, or East Asia. In consultation with the director of the program and their advisor, students may also develop their own special area of emphasis.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Asian Studies Courses](#)

Required Major Course Component (8 courses, 32 credits)

Students must take courses from at least three departments, with no more than 20 credits from any one department. AS 100 is a required course for all major students. Some Freshman Seminar courses may qualify with the approval of the Program Director.

- **ADFA-306 Art & Culture of Asia, Africa, South America and Oceania**

Credits:

4.00

Description:

The coursework introduces students to the artistic and visual traditions from South and East Asia, Africa, Oceania and the Americas. In addition to the material culture of the particular region under study, the coursework will consider socio-political ideals, religious belief systems, and cultural principles that 'shaped' or informed the work and the ideology of civilizations beyond the Western hemisphere. Comparative analysis among non-western and western traditions will be used to critically analyze the salient points of influence, rejection and modifications of aesthetic affinities. Class lectures will be supplemented with museum seminars specifically the rich non-western collections at the MFA, Boston. Guided field trips to the museum will allow students to formally analyze the works of art discussed in lecture and text material.

Term:

Occasional

Type:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Humanities & History,Expanded Classroom

- **ADFA-345 Art of India**

Credits:

4.00

Description:

A chronological survey of South Asian art (2300 BCE - 1750 CE) including India, Pakistan, Bangladesh, and Nepal. Examination of art and architecture from their first and still mysterious beginnings in the Indus Valley, through the great masterpieces of Buddhist and Hindu art to the coming of Islam, including the eclectic culture of the Mughal courts and the golden age of miniature paintings. Consideration is given to the multiple aspects of patronage in Indian culture - religious, political, economic - through case studies of individual works of art and architecture. (Formerly HUM 345)

Type:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement,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 Fall Term

Type:

Asian Studies,Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement

- **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-500 Asian American Community Experience**

Credits:

4.00

Description:

This course facilitates students' exposure to Asian American communities and enhances their knowledge of diverse Asian cultures through research projects and service activities or an internship. Students will study under the guidance of the Director of the Major program and/or a faculty member as well as work with a community organization or service agency for a semester. They will engage in specific projects or an internship in collaboration with the assigned organization or agency to understand the cultural values and current issues relating to Asian populations. They will complete required hours as per the arrangement with the site and submit a comprehensive service/research report on their learning process and critical reflection of their experience at the end of the semester.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• **CHIN-311 Survey of Chinese Literature & Culture I**

Credits:

4.00

Description:

This is an introductory and interdisciplinary course on Chinese civilization and traditional Chinese literature. It will provide the student with an introduction to the cultural legacy and literature of China from the archaeological origins of Chinese civilization to the period of the mature imperial state in the 11th century (Song Dynasty). 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.

Term:

Alternates Fall & Spring

Type:

Asian Studies,BSBA SOCIAL CHANGE

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

Conducted in a seminar format, we examine the film texts of Wong Kar-wai, Andrew Lau/Alan Mak by focusing on issues such a colonization/decolonization, transnational political economy and global Hollywood, the Greater Chinese Dynasty, diaspora, and postmodern aesthetics.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **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:

Cultural Diversity Opt B,Social Science,Asian Studies,BSJ SOCIAL SCIENCE

- **EC-430 Int'l 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.

Type:

Social Science,Asian Studies,BSJ SOCIAL SCIENCE

• **ENG-362 Asian American Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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:

Cultural Diversity Opt A,Asian Studies

• **GVT-388 The United States and East Asia**

Credits:

4.00

Description:

This course will examine US relations with East Asia through the lens of leading International Relations theories. We will analyze the growing regional influence of China, and will also examine the foreign policies of major regional powers including South and North Korea, Japan, and Taiwan. By exploring the economic and political factors that are working to shape the dynamic East Asian regional order, we will gain an understanding of the challenges faced by the US in this economically and strategically pivotal region.

Type:

BSJ SOCIAL SCIENCE,Social Science

• 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:

Cultural Diversity Opt B, Social Science, Asian Studies

• GVT-411 Politics of North Korea

Credits:

4.00

Description:

This course focuses on the historical origins, evolution, and current trajectory of the North Korean state. 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 North Korea's relationship with regional and world powers and examining the origins, history, and implications of their nuclear weapons program. Students will be expected to demonstrate their ability to apply theoretical and historical knowledge toward analyzing the rapidly evolving landscape of contemporary issues related to North Korea.

Type:

Social Science

• GVT-489 Islam & Politics

Prerequisites:

not open to freshmen

Credits:

4.00

Description:

This course explores the political and cultural history of Islam, with emphasis on the contemporary Islamic resurgence in Muslim countries. The origins and causes of this resurgence, its aims, and its effects on domestic, regional, and world politics will be examined. Offered as needed. Cultural Diversity B

Type:

Social Science,Cultural Diversity Opt B,Asian Studies

- **HST-255 Films and Contemporary China**

Credits:

4.00

Description:

This class 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. Cultural Diversity B.

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities & History,Asian Studies,Humanities Literature Requirement

- **HST-342 Modern Japanese History**

Credits:

4.00

Description:

The class 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. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities & History,Asian Studies,Humanities Literature Requirement

- **HST-344 Passages to the Modern World**

Credits:

4.00

Description:

The class discusses the early-modern history of East Asia, specifically China and Japan, in a global context. It examines the difference between East Asia and the West in their transitions to modern society, whether or not there was a great divergence," and if there was one, what was the underpinning dynamic in the process. This comparative approach usually requires the class to read one book (in English) on Chinese or Japanese history and another one on European or global history.

Type:

Humanities & History,Asian Studies

• **HST-345 Chinese Civilization**

Credits:

4.00

Description:

A survey of pre-modern Chinese history from antiquity to the sixteenth century. Topics include: Confucianism; the making of an imperial bureaucratic system; conflicts and interactions among different ethnic groups; the Mongolian Empire; early modern Chinese society. (Formerly HST 131) Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities & History,Asian Studies,Humanities Literature Requirement

• **HST-346 Modern Chinese History**

Credits:

4.00

Description:

A survey of modern Chinese history from the sixteenth century to the present. The class focuses on two major themes. First, we will study the conflict between the modern state and traditional society. We will discuss China's turbulent transition from an old empire to the Communist regime, the dynamics behind this transition, and the price that ordinary Chinese people have paid. Second, we will study China's interactions with the outside world from the first Opium War to China's entrance to the World Trade Organization. (Formerly HST 132) Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Asian Studies, Humanities Literature Requirement

- **HST-347 Japanese Civilization**

Credits:

4.00

Description:

An overview of Japanese history from ancient times to the nineteenth century. Topics include imperial Japan, the emergence of the samurai, and Tokugawa society.

Term:

Occasional

Type:

Humanities & History, Asian Studies, Humanities Literature Requirement

- **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:

Cultural Diversity Opt B, Cultural Diversity BFA, Humanities & History, Humanities Literature Requireme

- **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:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Expanded Classroom Requirement

• 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:

Social Science,Asian Studies,Cultural Diversity Opt A

• 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:

Cultural Diversity Opt B,Asian Studies

Language Courses

- **CHIN-101 Elementary Chinese I**

Credits:

4.00

Description:

Introduces Modern Standard Chinese (Mandarin) with an emphasis on developing conversational skills by using fundamental grammatical patterns and vocabulary in functional contexts. Basic reading and writing (in simplified characters) are also taught.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **CHIN-102 Elementary Chinese II**

Prerequisites:

CHIN 101 or Instructor's consent.

Credits:

4.00

Description:

Continuation of Chinese 101 with emphasis on developing basic skills to read and write modern colloquial Chinese. The reading, writing and oral skills will be taught on the basis of fundamental grammatical patterns and vocabulary in context.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **CHIN-201 Intermediate Chinese I**

Prerequisites:

CHIN 102 or Instructor's consent.

Credits:

4.00

Description:

Emphasis on improving Chinese skills in the areas of speaking, listening, reading, and writing. Expansion of vocabulary and further study of grammar. Discussion of assigned readings primarily in Chinese.

Term:

Offered Fall Term

Type:

BA FOREIGN

• **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

Type:

BA FOREIGN

• **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. One language lab session per week.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **JPN-102 Elementary Japanese II**

Prerequisites:

JPN-101 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills developed from JPN 101. Emphasis on active command of spoken Japanese. Improvement in pronunciation and conversational skills. Further development in vocabulary, grammar, reading and writing. One language lab session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

Language Requirement

To qualify for admittance to 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 modern language 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

Type:

BA FOREIGN

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

Type:

BA FOREIGN

Study Abroad or a Local Asian American Community Experience

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 American Community Experience (4 credits)

2013-2014 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.

Students majoring in Asian studies are required to master at least one Asian language on the advanced-intermediate level. In addition, students should have one semester, summer, or short-term study abroad experience in Asia or an alternative Asian American community experience in the local area, with the permission of the director.

Because the field is vast, each student needs to work closely with the director of the program and a faculty advisor to design an academic plan that meets individual interests and career goals. This plan should have a thematic emphasis or area emphasis, such as history and culture, politics, or East Asia. In consultation with the director of the program and their advisor, students may also develop their own special area of emphasis.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Asian Studies Courses](#)

Asian Studies Minor (20 credits)

Required Minor Course Component

The minor in Asian Studies requires 20 credits selected from the Required Major Course list (see the Major Requirements page). Students must take courses from at least two departments.

Language Requirement

To qualify for admittance to the minor, students must demonstrate proficiency in one Asian language at the advanced-elementary level. This can be fulfilled by successful completion of an elementary Level II Asian language course with an average grade of "B" or by passing the same-level language test offered by the modern language department.

- **CHIN-102 Elementary Chinese II**

Prerequisites:

CHIN 101 or Instructor's consent.

Credits:

4.00

Description:

Continuation of Chinese 101 with emphasis on developing basic skills to read and write modern colloquial Chinese. The reading, writing and oral skills will be taught on the basis of fundamental grammatical patterns and vocabulary in context.

Term:

Offered Spring Term

Type:

BA FOREIGN

• JPN-102 Elementary Japanese II

Prerequisites:

JPN-101 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills developed from JPN 101. Emphasis on active command of spoken Japanese. Improvement in pronunciation and conversational skills. Further development in vocabulary, grammar, reading and writing. One language lab session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

2013-2014 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.

Students majoring in Asian studies are required to master at least one Asian language on the advanced-intermediate level. In addition, students should have one semester, summer, or short-term study abroad experience in Asia or an alternative Asian American community experience in the local area, with the permission of the director.

Because the field is vast, each student needs to work closely with the director of the program and a faculty advisor to design an academic plan that meets individual interests and career goals. This plan should have a thematic emphasis or area emphasis, such as history and culture, politics, or East Asia. In consultation with the director of the program and their advisor, students may also develop their own special area of emphasis.

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 Fall Term

Type:

Asian Studies,Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement

- 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.

• **AS-500 Asian American Community Experience**

Credits:

4.00

Description:

This course facilitates students' exposure to Asian American communities and enhances their knowledge of diverse Asian cultures through research projects and service activities or an internship. Students will study under the guidance of the Director of the Major program and/or a faculty member as well as work with a community organization or service agency for a semester. They will engage in specific projects or an internship in collaboration with the assigned organization or agency to understand the cultural values and current issues relating to Asian populations. They will complete required hours as per the arrangement with the site and submit a comprehensive service/research report on their learning process and critical reflection of their experience at the end of the semester.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• AS-510 Independent Study

Credits:

1.00- 4.00

Description:

To maintain level of proficiency in Japanese language and writing, including Chinese characters (Kanji) which are used in contemporary language.

2013-2014 Archived Catalog Information

Biology

The biology major curriculum incorporates the principles of mathematics, physics, and chemistry. The courses and curriculum of the Department of Biology introduce students to the most recent findings in evolution, genetics, biodiversity, ecology, physiology, bioethics, biotechnology, molecular biology, and cellular biology. A minor in biology is also available.

Learning takes place through a rich variety of lectures, laboratory, and classroom and field experiences. Suffolk's Robert S. Friedman Field Station in Edmunds, Maine provides students with marine and other field-oriented courses and research opportunities.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Programs](#)
- [Minor Requirements](#)
- [Honors](#)
- [Biology Courses](#)

Biology Major (68 credits)

Biology majors may obtain a Bachelor of Science or Bachelor of Arts in Biology either by specializing in one of the following programs: biotechnology, marine science, or by following more flexible course offerings.

Earning a bachelor's degree in biology requires the satisfactory completion of 1) prescribed courses in the major and related electives with a minimum grade point average of 2.0, 2) general requirements in the College of Arts and Sciences, and 3) free electives.

Transfer students wishing to major in biology must complete a minimum of four biology courses (with lab if appropriate) plus senior seminar in biology at Suffolk University with a minimum grade point average of 2.0.

Biology Program

A Biology major must take 10 courses in biology plus designated related science and math courses, in addition to the all-college requirements. Observe the core requirements listed below for completing the major in biology.

Biology majors will be advised in the selection of courses in accordance with their objectives.

Core Requirements (17 courses and their corresponding labs)

- 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. Fall Offering: Science Majors ONLY; Spring Offering: Biology Majors ONLY.

Term:

Offered Both Fall and Spring

• **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. Fall Offerings: Science Majors Only; Spring Offerings: Biology Majors Only.

Term:

Offered Both Fall and Spring

• **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently. Science majors only.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is

mandatory (a small fee is associated with this trip). Fall Offering: Biology Majors Only; Spring Offering: Science Majors. ECR credit is only earned during the Fall offering.

Term:

Offered Both Fall and Spring

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently Science majors only.

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology. Fall Offering: Biology Majors Only; Spring offering: Science Majors Only.

Term:

Offered Both Fall and Spring

- **BIO-274 Genetics**

Prerequisites:

BIO 111/L111, CHEM 111/L111, 'Must take 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:

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. fomicola*, and *C. elegans*.

Term:

Offered Fall Term

• BIO-302 Writing for Research

Prerequisites:

Take BIO-111 and BIO-114. Take ENG-101 or ENG-102;

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. Required of all biology majors.

Term:

Offered Both Fall and Spring

• CHEM-111 General Chemistry

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. Topics include introductions to atomic structure, stoichiometry, periodic table, gas laws, nature of chemical bonds, and thermochemistry. 3 lecture hours. Normally offered Fall/Summer I. This course is recommended for science and engineering majors or those considering careers in the health sciences. Students seeking to satisfy the core science requirement may wish to consider enrolling in CHEM 101/L101.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L111 General Chemistry Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Exploration of basic principles of chemistry discovery through laboratory investigation, including recognition of the major reaction types, stoichiometry, and qualitative analysis. Additionally, students will be introduced to good laboratory practices and experimental techniques. 4-hour laboratory. Normally offered Fall/Summer I.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-112 General Chemistry

Prerequisites:

CHEM 111/L111;Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

Continuation of the discussion of the fundamental principles of chemistry. Topics include introductions to solutions, kinetics, equilibrium, acid-base systems, thermodynamics and electrochemistry. Prerequisite: Satisfactory completion of CHEM 111 and CHEM L111. 3 hours of lecture 1 term - 3 credits. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry Lab

Prerequisites:

CHEM 112 must be taken concurrently; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3;

Credits:

1.00

Description:

Laboratory investigation in discovery format of topics from CHEM 112, including introduction to instrumental analysis and acid-base chemistry. Quantitative analysis, particularly volumetric analysis, is emphasized. 4-hour laboratory. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-211 Organic Chemistry I

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Topics include functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry. Significant emphasis placed on the use of the arrow formalism to indicate the location and movement of electrons; serves as a basic introduction to organic mechanisms. Prerequisite: CHEM 112, L112 Concurrent enrollment in CHEM L211 required unless L211 has been previously completed. Concurrent enrollment in CHEM L211 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall, days/Summer I, evenings.

Term:

Offered Fall Term

• CHEM-L211 Organic Chemistry Laboratory I

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Laboratory exercises providing an introduction to synthetic organic chemistry techniques, including melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Prerequisite: CHEM 112, L112. Concurrent enrollment in 211 required. 4-hour laboratory. 1 term - 1 credit. Normally offered Fall/Summer, days and evenings.

Term:

Offered Fall Term

• CHEM-212 Organic Chemistry II

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I, includes detailed discussions of organic mechanisms of substitution, elimination, and addition reactions. Significant emphasis is placed on organic synthesis, structure determination, and spectroscopy. Prerequisite: CHEM 211, L211. Concurrent enrollment in CHEM L212 required. 3 hours lecture. 1 term - 3 credits. Normally offered Spring, days/Summer II, evenings.

Term:

Offered Spring Term

• CHEM-L212 Organic Chemistry Laboratory II

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Significant emphasis is placed on the characterization of organic molecules via nuclear magnetic resonance spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Concurrent enrollment in CHEM 212 required. 4-hour laboratory. Normally offered Spring/Summer II, days and evenings.

Term:

Offered Spring Term

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

Prerequisites:

MATH 104, MATH 121 or appropriate math placement score.

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 higher

• **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

and

- **PHYS-112 College Physics II**

Prerequisites:

PHYS 111 and 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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

or

• **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

and

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

- One biology course from the molecular/cellular division
- One biology course from the organismic structure and function division
- One biology course from the diversity, ecology, evolution division
- Three biology course electives

All biology courses must be taken with their respective laboratories unless otherwise noted or waived by written permission of the biology department chair.

2013-2014 Archived Catalog Information

Biology

The biology major curriculum incorporates the principles of mathematics, physics, and chemistry. The courses and curriculum of the Department of Biology introduce students to the most recent findings in evolution, genetics, biodiversity, ecology, physiology, bioethics, biotechnology, molecular biology, and cellular biology. A minor in biology is also available.

Learning takes place through a rich variety of lectures, laboratory, and classroom and field experiences. Suffolk's Robert S. Friedman Field Station in Edmunds, Maine provides students with marine and other field-oriented courses and research opportunities.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Programs](#)
- [Minor Requirements](#)
- [Honors](#)
- [Biology Courses](#)

Freshmen Year (8 courses and corresponding labs, 32 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. Fall Offering: Science Majors ONLY; Spring Offering: Biology Majors ONLY.

Term:

Offered Both Fall and Spring

- **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. Fall Offerings: Science Majors Only; Spring Offerings: Biology Majors Only.

Term:

Offered Both Fall and Spring

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently. Science majors only.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip). Fall Offering: Biology Majors Only; Spring Offering: Science Majors. ECR credit is only earned during the Fall offering.

Term:

Offered Both Fall and Spring

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently Science majors only.

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology. Fall Offering: Biology Majors Only; Spring offering: Science Majors Only.

Term:

Offered Both Fall and Spring

• CHEM-111 General Chemistry

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. Topics include introductions to atomic structure, stoichiometry, periodic table, gas laws, nature of chemical bonds, and thermochemistry. 3 lecture hours. Normally offered Fall/Summer I. This course is recommended for science and engineering majors or those considering careers in the health sciences. Students seeking to satisfy the core science requirement may wish to consider enrolling in CHEM 101/L101.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

• CHEM-L111 General Chemistry Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Exploration of basic principles of chemistry discovery through laboratory investigation, including recognition of the major reaction types, stoichiometry, and qualitative analysis. Additionally, students will be introduced to good laboratory practices and experimental techniques. 4-hour laboratory. Normally offered Fall/Summer I.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-112 General Chemistry

Prerequisites:

CHEM 111/L111;Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

Continuation of the discussion of the fundamental principles of chemistry. Topics include introductions to solutions, kinetics, equilibrium, acid-base systems, thermodynamics and electrochemistry. Prerequisite: Satisfactory completion of CHEM 111 and CHEM L111. 3 hours of lecture 1 term - 3 credits. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry Lab

Prerequisites:

CHEM 112 must be taken concurrently; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3;

Credits:

1.00

Description:

Laboratory investigation in discovery format of topics from CHEM 112, including introduction to instrumental analysis and acid-base chemistry. Quantitative analysis, particularly volumetric analysis, is emphasized. 4-hour laboratory. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

Seminar for Freshmen

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

Prerequisites:

MATH 104, MATH 121 or appropriate math placement score.

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 higher

and

- **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

or

• **ENG-103 Advanced Freshman English**

Prerequisites:

Invitation only.

Credits:

4.00

Description:

This course is by invitation only and reserved for incoming Suffolk students with high admission scores. Frequent writing assignments based on close reading of literary texts are assigned as well as a research paper. Offered fall semester.

Term:

Offered Fall Term

*Note that ENG 103 counts as 4 credits. If this course is taken in the fall of the first year, then another CAS core course should be taken in the spring.

Sophomore Year (8 courses with corresponding labs, 32 credits)

CAS core courses (20 credits)

• **BIO-274 Genetics**

Prerequisites:

BIO 111/L111, CHEM 111/L111, 'Must take 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:

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-211 Organic Chemistry I**

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Topics include functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry. Significant emphasis placed on the use of the arrow formalism to indicate the location and movement of electrons; serves as a basic introduction to organic mechanisms. Prerequisite: CHEM 112, L112 Concurrent enrollment in CHEM L211 required unless L211 has been previously completed. Concurrent enrollment in CHEM L211 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall, days/Summer I, evenings.

Term:

Offered Fall Term

• CHEM-L211 Organic Chemistry Laboratory I

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Laboratory exercises providing an introduction to synthetic organic chemistry techniques, including melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Prerequisite: CHEM 112, L112. Concurrent enrollment in 211 required. 4-hour laboratory. 1 term - 1 credit. Normally offered Fall/Summer, days and evenings.

Term:

Offered Fall Term

• CHEM-212 Organic Chemistry II

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I, includes detailed discussions of organic mechanisms of substitution, elimination, and addition reactions. Significant emphasis is placed on organic synthesis, structure determination, and spectroscopy. Prerequisite: CHEM 211, L211. Concurrent enrollment in CHEM L212 required. 3 hours lecture. 1 term - 3 credits. Normally offered Spring, days/Summer II, evenings.

Term:

Offered Spring Term

• CHEM-L212 Organic Chemistry Laboratory II

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Significant emphasis is placed on the characterization of organic molecules via nuclear magnetic resonance spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Concurrent enrollment in CHEM 212 required. 4-hour laboratory. Normally offered Spring/Summer II, days and evenings.

Term:

Offered Spring Term

Junior year (8 courses with corresponding labs, 32 credits)

- **BIO-302 Writing for Research**

Prerequisites:

Take BIO-111 and BIO-114. Take ENG-101 or ENG-102;

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. Required of all biology majors.

Term:

Offered Both Fall and Spring

Biology divisional courses or electives (12 credits)

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **PHYS-112 College Physics II**

Prerequisites:

PHYS 111 and 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

Type:

- **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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

CAS core courses (8 credits)

Senior year (8 courses, 32 credits)

Biology divisional courses or electives (16 credits)

Free electives/CAS core courses (16 credits)

Total: 128 credits

2013-2014 Archived Catalog Information

Biology

The biology major curriculum incorporates the principles of mathematics, physics, and chemistry. The courses and curriculum of the Department of Biology introduce students to the most recent findings in evolution, genetics, biodiversity, ecology, physiology, bioethics, biotechnology, molecular biology, and cellular biology. A minor in biology is also available.

Learning takes place through a rich variety of lectures, laboratory, and classroom and field experiences. Suffolk's Robert S. Friedman Field Station in Edmunds, Maine provides students with marine and other field-oriented courses and research opportunities.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Programs](#)
- [Minor Requirements](#)
- [Honors](#)
- [Biology Courses](#)

Career-Focused Programs

Biology Major/Biotechnology Program

- Biology Major/Marine Science Program

Special Biology Program Options

Through the planned selection of required, major course options and the judicious use of elective credits, special program requirements may be completed within the biology major curriculum. There are two such programs currently certified within the major and their special requirements are identified below.

Biotechnology Program (68 credits)

The Bachelor of Science or Bachelor of Arts degree program in biotechnology requires a concentration in molecular and cellular principles in biology. Students are encouraged to seek relevant industrial experience during the summer between the sophomore and junior year and to use the Biology Seminar as the reporting forum. Students should consult with the program coordinator early in their academic career to determine available placements and to obtain counseling regarding appropriate courses for the program.

The program requires the completion of all biology core requirements, with electives to be chosen from the following: BIO 262, 273; 377 (L377); 385 (L385); 403 (L403); 474 (L474); 475 (L475).

Upon satisfactory completion of the prescribed curriculum, students are eligible to receive the degree of Bachelor of Science or Bachelor of Arts with a major in biology from Suffolk University.

Biology/Marine Science Program (68 credits)

The marine science program 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 program is the completion of three courses and associated labs (two biology and one non-biology) in the field of marine science. The three courses may be used in partial fulfillment of the 10-course requirement of the biology major. All college degree requirements apply.

The first element of the program is the marine biology course (BIO 254 and L254), which includes a research experience in marine biology at the Friedman Field Station in Maine. The second requirement is Coastal Geology (SCI 251 and L251). Other marine-related courses (e.g., Biology of Fishes, Cetacean Biology and Conservation, Invertebrate Zoology, Coastal Zone Management) may apply as well.

Students in the Marine Science Program are strongly urged to take any field-oriented courses offered at the Robert S. Friedman Field Station on Cobscook Bay in Edmunds, Maine, as well as work study and field research opportunities offered each summer, or to undertake an approved internship at an affiliated institution.

2013-2014 Archived Catalog Information

Biology

The biology major curriculum incorporates the principles of mathematics, physics, and chemistry. The courses and curriculum of the Department of Biology introduce students to the most recent findings in evolution, genetics, biodiversity, ecology, physiology, bioethics, biotechnology, molecular biology, and cellular biology. A minor in biology is also available.

Learning takes place through a rich variety of lectures, laboratory, and classroom and field experiences. Suffolk's Robert S. Friedman Field Station in Edmunds, Maine provides students with marine and other field-oriented courses and research opportunities.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Programs](#)
- [Minor Requirements](#)
- [Honors](#)
- [Biology Courses](#)

The biology minor consists of 6 courses (24 credits)

Biology Core Requirements

(2 courses with corresponding labs, 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. Fall Offering: Science Majors ONLY; Spring Offering: Biology Majors ONLY.

Term:

Offered Both Fall and Spring

- **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. Fall Offerings: Science Majors Only; Spring Offerings: Biology Majors Only.

Term:

Offered Both Fall and Spring

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently. Science majors only.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip). Fall Offering: Biology Majors Only; Spring Offering: Science Majors. ECR credit is only earned during the Fall offering.

Term:

Offered Both Fall and Spring

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently Science majors only.

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology. Fall Offering: Biology Majors Only; Spring offering: Science Majors Only.

Term:

Offered Both Fall and Spring

Biology Major Courses

(4 courses with corresponding labs, 16 credits)

Any course listed as a non-major's course (BIO-101/L101, BIO-102/L102, BIO-104/L104, BIO-105, BIO-106, and BIO-107) will NOT count toward a minor in biology.

2013-2014 Archived Catalog Information

Biology

The biology major curriculum incorporates the principles of mathematics, physics, and chemistry. The courses and curriculum of the Department of Biology introduce students to the most recent findings in evolution, genetics, biodiversity, ecology, physiology, bioethics, biotechnology, molecular biology, and cellular biology. A minor in biology is also available.

Learning takes place through a rich variety of lectures, laboratory, and classroom and field experiences. Suffolk's Robert S. Friedman Field Station in Edmunds, Maine provides students with marine and other field-oriented courses and research opportunities.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Programs](#)
- [Minor Requirements](#)
- [Honors](#)
- [Biology Courses](#)

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 engaged 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.

2013-2014 Archived Catalog Information

Biology

The biology major curriculum incorporates the principles of mathematics, physics, and chemistry. The courses and curriculum of the Department of Biology introduce students to the most recent findings in evolution, genetics, biodiversity, ecology, physiology, bioethics, biotechnology, molecular biology, and cellular biology. A minor in biology is also available.

Learning takes place through a rich variety of lectures, laboratory, and classroom and field experiences. Suffolk's Robert S. Friedman Field Station in Edmunds, Maine provides students with marine and other field-oriented courses and research opportunities.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Programs](#)
- [Minor Requirements](#)
- [Honors](#)
- [Biology Courses](#)

• 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

Type:

- **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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

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

Prerequisites:

This is for Non- 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:

NATURAL SCIENCE FOR BA BFA & BSJ

• **BIO-106 Current Topics in Human Biology And Health**

Prerequisites:

Non- Majors only

Credits:

4.00

Description:

Familiarize students with current trends in human biology and health. The technical and scientific aspects, along with ethical issues involved with the new frontiers in human health and biology research will be covered. Topics will include: cell biology, cancer biology, infectious disease and environmental health issues. In addition to exams and class discussion, students will be required to give a 10-minute presentation on a related topic of their choice.

Meets one of the non laboratory science requirements for the non-science major. This course will not fulfill requirements for a major or a minor in Biology. Usually offered alternate Spring Semester

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

- **BIO-109 Plants and People**

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:

NATURAL SCIENCE FOR BA BFA & BSJ

- **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. Fall Offering: Science Majors ONLY; Spring Offering: Biology Majors ONLY.

Term:

Offered Both Fall and Spring

- **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. Fall Offerings: Science Majors Only; Spring Offerings: Biology Majors Only.

Term:

Offered Both Fall and Spring

• **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently. Science majors only.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip). Fall Offering: Biology Majors Only; Spring Offering: Science Majors. ECR credit is only earned during the Fall offering.

Term:

Offered Both Fall and Spring

• **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently Science majors only.

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology. Fall Offering: Biology Majors Only; Spring offering: Science Majors Only.

Term:

Offered Both Fall and Spring

- **BIO-201 Five Big Questions in Biology**

Prerequisites:

sophomore status or above

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.

- **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 structure and functional inter-relations of the organ systems of the human body. This course includes histology and discussion of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

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 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; By permission of the professor only.

Credits:

3.00

Description:

Conclusion of the survey of the structure and function of inter-relations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, immunity, digestive, urinary, and reproductive systems. 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; By permission of the professor only.

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues.

Term:

Offered Spring Term

- **BIO-213 Bio-Ethical Issues**

Prerequisites:

BIO 111 or BIO 114

Credits:

4.00

Description:

An introduction to ethical issues raised by advances in the biosciences and biotechnology. Topics include genetically modified organisms, reproductive technologies, genetic screening and privacy issues, therapeutic cloning, human uses of animals, and environmental sustainability. This course will provide an introductory philosophical background to bioethics, surveying several major ethical theories. A general understanding of the biosciences will be presumed.

Term:

Offered Spring Term

- **BIO-222 Field Botany**

Prerequisites:

BIO 111. 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 the Friedman Field Station. Travel will be by van(s) and hiking (up to ten miles a day) over difficult terrain. Sleeping bags and tents required. Additional fees: Camping and food est. \$475.00. ECR. The three-week camping excursion typically runs from late May (after tradition Spring course finals are over) into June. Taught alternate years.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

- **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:

Must be taken concurrently with Bio 225

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-254 Marine Biology**

Prerequisites:

BIO-114 and BIO-L114 or instructor's permission

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, law of the sea. Taught only at the R. S. Friedman Field Station Campus, Edmunds, ME. ECR. This course typically meets for three weeks from early to mid-August to early September (before typical Fall courses begin). Taught alternate years.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-L254 Marine Biology Lab**

Prerequisites:

BIO-114 and BIO-L114 or instructor's permission Must Take BIO-254 Concurrently

Credits:

1.00

Description:

Field trips to local marine environments; field and laboratory observations of marine organisms. Independent student projects. Taught only at the R.S. Friedman Field Station Campus, Edmunds, ME. ECR

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **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 application of statistical methods for the evaluation of biological problems. Sampling, confidence intervals, hypothesis tests, experimental design, analysis of variance, regression, and correlation are some of the topics offered.

Term:

Offered Spring Term

Type:

Quantitative Reasoning

- **BIO-274 Genetics**

Prerequisites:

BIO 111/L111, CHEM 111/L111, 'Must take 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:

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,

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Fall Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

Must take 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:

Take BIO-111 and BIO-114. Take ENG-101 or ENG-102;

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. Required of all biology majors.

Term:

Offered Both Fall and Spring

• **BIO-304 Comparative Animal Physiology**

Prerequisites:

BIO-114, L114 and CHEM-211, L211, 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. Spring semester.

Term:

Offered Spring Term

• **BIO-L304 Comp Animal Physiology Lab**

Prerequisites:

BIO-304 must be taken 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

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 and BIO L114; and BIO 222 or BIO 224 and BIO 224 or BIO 225 and L225 This course fulfills the Expanded Classroom Requirement

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.(note: some aspects of the course may differ depending on if it is a Boston or a FFS offering) ECR. Offered even years at both the Boston campus (Fall semester) and the R.S. Friedman Field Station Campus (FFS),Edmunds, ME (Early Fall offering for three weeks). There is a \$475 camping fee associated with the FFS BIO 333 offering.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-L333 Ecology Lab**

Prerequisites:

BIO 114 &L114, BIO 222 or 224 or 225. Must take BIO 333 concurrently. Fulfills Expanded Classroom Requirement

Credits:

1.00

Description:

Field and laboratory experiences in techniques and concepts relevant to lecture materials; data collecting and report preparation. Group project with data collection, presentation and report preparation is required. (note some aspects of the lab may differ depending on whether it is a Boston or a FFS offering) ECR

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:

Offered Fall Term

• **BIO-343 Biodiversity & Conservation Biology**

Prerequisites:

BIO 114, L114; BIO L343 MUST BE TAKEN CONCURRENTLY

Credits:

3.00

Description:

The origin, measurement, and extent of biological diversity on Earth, its practical and theoretical importance, and current trends in extinction due to human activities. Anthropogenic influences on individuals, populations, and ecosystems will be considered, as well as strategies for biological conservation on a changing planet.

Term:

Offered Fall Term

• BIO-L343 Biodiversity & Conservation Biology Laboratory

Prerequisites:

BIO-114 and BIO-L114; and must take BIO-343 concurrently

Credits:

1.00

Description:

Laboratory exercises dealing with the calculation, of Biodiversity in the environment, as well as with the effects of contaminants on individuals, populations, and model ecosystems. The fates of contaminants in such systems will be explored, as well as the possibility of remediation of adverse effects.

Term:

Offered Fall Term

• BIO-345 The Biology of Vector Borne Diseases

Prerequisites:

BIO 114 and BIO L114. Science Majors only.

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, BIO-L111, BIO-114, BIO-L114;

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, BIO-L111, BIO-114, BIO-L114;

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-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 and CHEM 211, L211. Must take 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-377 must be taken concurrently

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immunochemistry, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

• **BIO-385 Advanced Microbiology**

Prerequisites:

BIO-285 and BIO-L285 BIO L385 must be taken concurrently

Credits:

3.00

Description:

Pathogenesis and host-parasite relationships; epidemiology and public health aspects of pathogenic microorganisms are stressed; molecular biology, applied and industrial microbiology. Current literature reviews. Taught alternate/odd years.

Term:

Offered Spring 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 and CHEM 211/L211

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:

Take BIO-111 BIO-L111 CHEM-211 CHEM-L211;and 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-409 Biology Seminar**

Prerequisites:

BIO 202, Senior standing

Credits:

1.00

Description:

The purpose of this class is to familiarize all senior biology majors with the process of investigating and implementing novel research in the biological sciences. The centerpiece of the course is a semester long project in which each student selects, researches, and designs an original experiment on the topic of their choice. Two in-class presentations and a full length research proposal are required. Weekly reading assignments and discussions of the primary literature are vital to the investigation piece of the course. Prerequisites: BIO 202 and senior standing. May not be used for credit towards or an elective for the Biology Minor.

Term:

Offered Both Fall and Spring

• BIO-474 Molecular Genetics

Prerequisites:

Take CHEM-211 and CHEM-L211; Take CHEM-331 or BIO-274 and BIO-L274;

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-211 and CHEM-L211; 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 BIO L475 must be taken concurrently

Credits:

3.00

Description:

An examination of the molecular, cellular, biochemical and environmental mechanisms that regulate the developmental processes in organisms with an emphasis on vertebrates. Topics include the processes of differentiation, determination, tissue induction and morphogenesis.

Term:

Offered Spring Term

- **BIO-L475 Developmental Biology Lab**

Prerequisites:

BIO 114/L114, CHEM 211/L211 BIO 475 must be taken concurrently

Credits:

1.00

Description:

Laboratory includes the classic sequential study of developmental stages in the frog, pig and chicken using prepared slides. It also includes experimental manipulation of development in vertebrates and other organisms to a lesser degree. Prerequisite: BIO 202, BIO 114, BIO L114, CHEM 211, CHEM L211, Must take BIO 475 concurrently. 1 term - 1 credit.

Term:

Offered Spring 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 written proposal which must have majority approval of the Biology Faculty is required prior to enrolling. A paper and oral report are required. Only ONE independent study may be used toward biology electives.

Term:

Offered Both Fall and Spring

• **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-251 Intro to Coastal Geology**

Prerequisites:

Intro Math and must take SCI-L251 concurrently

Credits:

3.00

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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

2013-2014 Archived Catalog Information

Black Studies

Black studies is a truly interdisciplinary program; it includes history, the social sciences, and the humanities. It is also international and therefore allows for the study of Black history and culture not only in Africa or the United States, but throughout the African Diaspora in all parts of the world. As such it is completely inclusive of the Black experience.

The minor program 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](#)

Required Core Component (2 courses, 8 credits)

All students must take:

- **BLKST-100 Introduction to Black Studies I: Survey Of the Discipline**

Credits:

4.00

Description:

An interdisciplinary introduction to the basic concepts and literature in the disciplines covered by Black Studies. It includes history, philosophy, psychology and other disciplines, as well as a conceptual framework for the investigation and analysis of Black history and culture.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **BLKST-101 Introduction to Black Studies II Research and Writing**

Credits:

4.00

Description:

This course will provide an introduction to basic research techniques and methods including library use, identifying resources, project development, documenting sources, and writing research papers.

Term:

Occasional

Type:

Social Science

Designated Course Component (3 courses, 12 credits)

No more than two courses may be taken from any one department outside of Black Studies.

- **BLKST-160 Introduction to the Wolof Language**

Credits:

4.00

Description:

This seminar will introduce students to Wolof, the dominant language in Senegal, West Africa. Students will learn about Senegalese culture while acquiring the basics of the language and developing beginning conversational skills.

Term:

Offered Spring Term

- **BLKST-169 African American Genealogy**

Credits:

4.00

Description:

This seminar will introduce students to resources and techniques in African American genealogy. During the seminar students will explore methods of applying genealogical research to the larger African American and American story by working on an African American genealogy project. Note: This course is identical to HST 169. Normally offered by request.

Term:

Occasional

Type:

- **BLKST-263 Sabar: Music and Dance**

Credits:

4.00

Description:

Participants will be introduced to sabar music and dance of Senegal through a study of music, dance, language and history. Each area will be taught by professional practitioners of the sabar tradition to develop a sense of how music and dance are used in both traditional and popular contexts. This course will be directed by Prof. Robert A. Bellinger. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Social Science

- **BLKST-299 Busing in Boston- Moakley Archives**

Credits:

4.00

Description:

This is a research seminar designed to give students the opportunity to explore the rich yet difficult history of busing in Boston, and develop their research skills by using material on Boston's school desegregation in the Moakley archives. Research will be augmented by discussions with local figures who were involved in the events of the era. Class time will be divided between classroom meetings and work in the archives with the documents. Students will be responsible for a final project based on their work in the archives. This course is identical to HST 299. Normally offered by request.

Term:

Occasional

Type:

Social Science, Humanities & History

- **HST-299 Busing in Boston: the Moakley Archives**

Credits:

4.00

Description:

This is a research seminar designed to give students the opportunity to explore the rich yet difficult history of busing in Boston, and develop their research skills by using the material on Boston's school desegregation in the Moakley archives. This will be augmented by discussions with local figures who were also involved in the events of the era. Class time will be divided between classroom meetings and work in the archives with the documents. Students will be responsible for a final project based on their work in the archives. This course is identical to BLKST 299.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• **BLKST-469 African Amer Life-Slave & Free**

Credits:

4.00

Description:

This class is designed to provide students with a deeper understanding of the reconstruction era by working with the microfilm of the Freedmen's Bureau papers. To accomplish this there will be a classroom component and an on-site component. In the classroom component, students will be introduced to the reconstruction era and its history. In the on-site component students will work with the microfilmed copies of the Freedmen's Bureau papers. Class meetings will be divided between the Suffolk University campus and the National Archives and Records Administration (NARA) site in Waltham, MA. This course is identical to HST 469. Normally offered as requested.

Term:

Occasional

Type:

Social Science

• **HST-469 African Amer Life-Slave & Free**

Credits:

4.00

Description:

This class is designed to provide students with a deeper understanding of the Reconstruction era by working with the microfilm of the Freedmen's Bureau papers. To accomplish this there will be a classroom component and an on-site component. In the classroom component, students will be introduced to the Reconstruction era and its history. In the on-site component students will work with the microfilmed copies of the Freedmen's Bureau papers.

Class meetings will be divided between the Suffolk University campus and the National Archives and Records Administration (NARA) site in Waltham, MA. This course is identical to BLKST 469.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **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 Lit I**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

African-American writing from the beginning through the present. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- **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

Type:

Cultural Diversity Opt B, Social Science

• **HST-261 African History to 1800**

Credits:

4.00

Description:

This course will explore 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. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• **HST-261 African History to 1800**

Credits:

4.00

Description:

This course will explore 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. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **HST-262 Modern African History Since 1800**

Credits:

4.00

Description:

This course will cover 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. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **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. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-271 African American History 1619-1860**

Credits:

4.00

Description:

This course will examine 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 include: the slave trade, the development of the slave system, African-Americans and the Declaration of Independence, and the abolition movement. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• **HST-272 African American History From 1860**

Credits:

4.00

Description:

This course will examine African American history from the end of slavery to the present. Topics include: Emancipation and Reconstruction, Reconstruction and the Constitution, the Exodusters, the Harlem Renaissance, Pan Africanism, the Civil Rights Movement, the Black Power Movement, African-Americans at the turn of the twenty-first century. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• **HST-319 The History of Black Music in America**

Credits:

4.00

Description:

Black music has been one of the primary cultural factors in the United States. From the African roots to hip hop in the 21st century Black music has served as an expression of African American consciousness, providing commentary on many aspects of black life. This art form provides commentary on many aspects of black life including social and political. It has also been a major force in shaping the culture of the United States as a whole. As such it provides an excellent window for exploring the history of Black America as well as the history of all America. With the use of texts, videos, and recordings this class will examine the music of Black America in the context and communities in which it was created and performed, and also in relationship to the wider world.

Cultural Diversity A

Term:

Occasional

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• HST-330 History & Culture of Senegal

Prerequisites:

Requires instructor's consent to register

Credits:

4.00

Description:

This class will introduce students to the richness of Senegalese culture and history, from the eleventh century to the modern era. Along with history, students will examine Senegal's culture and customs through lectures, readings, music and film. In some years there will be a travel component connected with the class. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement

• HST-396 The African Diaspora

Credits:

4.00

Description:

An examination of the dispersion of Africans to the Americas during the era of the slave trade and the establishment of New World communities of Africans and people of mixed descent. Topics include: the Slave Trade, comparative Slave Systems, Religion, Resistance and Revolutionary Movements, Return and Redemption Movements, Pan Africanism, Race and Class. Cultural Diversity A Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities & History,Cultural Diversity Opt A

• ENG-359 Selected African-American Writers

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course focuses upon the literary contributions of a selected number of major African-American authors. Normally offered every other year.

Type:

Cultural Diversity Opt A

Special Topics

Independent studies and research projects are also available through individual departments for students who want to include individual specialized research in the minor.

Study Abroad

Students may complete some of the requirements for the Black Studies minor while doing study abroad. Arrangements for this should be made with the director of the Black Studies program.

Information/Advising

Students wishing to minor in Black Studies should see the director of the Black Studies program and choose an advisor from the Black Studies Committee.

2013-2014 Archived Catalog Information

Black Studies

Black studies is a truly interdisciplinary program; it includes history, the social sciences, and the humanities. It is also international and therefore allows for the study of Black history and culture not only in Africa or the United States, but throughout the African Diaspora in all parts of the world. As such it is completely inclusive of the Black experience.

The minor program 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](#)

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- **BLKST-100 Introduction to Black Studies I: Survey Of the Discipline**

Credits:

4.00

Description:

An interdisciplinary introduction to the basic concepts and literature in the disciplines covered by Black Studies. It includes history, philosophy, psychology and other disciplines, as well as a conceptual framework for the investigation and analysis of Black history and culture.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **BLKST-101 Introduction to Black Studies II Research and Writing**

Credits:

4.00

Description:

This course will provide an introduction to basic research techniques and methods including library use, identifying resources, project development, documenting sources, and writing research papers.

Term:

Occasional

Type:

Social Science

- **BLKST-160 Introduction to the Wolof Language**

Credits:

4.00

Description:

This seminar will introduce students to Wolof, the dominant language in Senegal, West Africa. Students will learn about Senegalese culture while acquiring the basics of the language and developing beginning conversational skills.

Term:

Offered Spring Term

- **BLKST-169 African American Genealogy**

Credits:

4.00

Description:

This seminar will introduce students to resources and techniques in African American genealogy. During the seminar students will explore methods of applying genealogical research to the larger African American and American story by working on an African American genealogy project. Note: This course is identical to HST 169. Normally offered by request.

Term:

Occasional

Type:

Humanities & History

- **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-263 Sabar: Music and Dance**

Credits:

4.00

Description:

Participants will be introduced to sabar music and dance of Senegal through a study of music, dance, language and history. Each area will be taught by professional practitioners of the sabar tradition to develop a sense of how music and dance are used in both traditional and popular contexts. This course will be directed by Prof. Robert A. Bellinger. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Social Science

- **BLKST-299 Busing in Boston- Moakley Archives**

Credits:

4.00

Description:

This is a research seminar designed to give students the opportunity to explore the rich yet difficult history of busing in Boston, and develop their research skills by using material on Boston's school desegregation in the Moakley archives. Research will be augmented by discussions with local figures who were involved in the events of the era. Class time will be divided between classroom meetings and work in the archives with the documents. Students will be responsible for a final project based on their work in the archives. This course is identical to HST 299. Normally offered by request.

Term:

Occasional

Type:

- **BLKST-469 African Amer Life-Slave & Free**

Credits:

4.00

Description:

This class is designed to provide students with a deeper understanding of the reconstruction era by working with the microfilm of the Freedmen's Bureau papers. To accomplish this there will be a classroom component and an on-site component. In the classroom component, students will be introduced to the reconstruction era and its history. In the on-site component students will work with the microfilmed copies of the Freedmen's Bureau papers. Class meetings will be divided between the Suffolk University campus and the National Archives and Records Administration (NARA) site in Waltham, MA. This course is identical to HST 469. Normally offered as requested.

Term:

Occasional

Type:

Social Science

- **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

2013-2014 Archived Catalog Information

Chemistry and Biochemistry

The Department of Chemistry and Biochemistry offers two majors: Chemistry or Biochemistry leading to a BS or BA degree. Students may also elect a forensic science concentration within the biochemistry program. Since the recommended course of study for the freshman year is similar for all programs, decisions regarding specific curricular options can be postponed at least until the sophomore year. Students are urged to consult with their academic advisors as early as possible to discuss professional objectives and options.

Transfer students wishing to major in Chemistry or Biochemistry must successfully complete a minimum of 12 credits in the major at Suffolk University.

All departmental programs minimally require Math 165 and Math 166 (Calculus I and II). Math courses taken to meet prerequisites for Math 165 are counted as free electives. It is recommended that students who do not qualify to begin their math sequence at Suffolk University in Calculus begin the prerequisite sequence immediately in order to avoid unnecessary delays in completion of degree requirements (Note: Math 130 and Math 134 do not fulfill the departmental mathematics requirements).

All students electing a departmental major must complete a capstone course: either Research and Seminar or Forensic Science Practicum, depending on the degree program. The Department of Chemistry and Biochemistry offers a pathway for students to complete the capstone requirements and graduate with departmental honors. This pathway is distinct from the Suffolk University CAS Honors Program.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Chemistry Suggested Course Sequence](#)
- [Biochemistry Suggested Course Sequence](#)
- [Biochemistry/ Forensic Science Requirements](#)
- [Biochemistry/Forensic Science Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Chemistry Courses](#)

Chemistry Major Requirements

The major in chemistry requires the completion of **17 courses (62-65 credits)**.

The curricula for the BS and BA degrees in chemistry may satisfy the requirements for certification by the American Chemical Society. Students in the College of Arts and Sciences must fulfill all general requirements for their chosen degree in addition to specific major requirements.

Core Requirements (16 courses with corresponding labs if applicable, 58 credits)

• CHEM-111 General Chemistry

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. Topics include introductions to atomic structure, stoichiometry, periodic table, gas laws, nature of chemical bonds, and thermochemistry. 3 lecture hours. Normally offered Fall/Summer I. This course is recommended for science and engineering majors or those considering careers in the health sciences. Students seeking to satisfy the core science requirement may wish to consider enrolling in CHEM 101/L101.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L111 General Chemistry Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Exploration of basic principles of chemistry discovery through laboratory investigation, including recognition of the major reaction types, stoichiometry, and qualitative analysis. Additionally, students will be introduced to good laboratory practices and experimental techniques. 4-hour laboratory. Normally offered Fall/Summer I.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-112 General Chemistry

Prerequisites:

CHEM 111/L111; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

Continuation of the discussion of the fundamental principles of chemistry. Topics include introductions to solutions, kinetics, equilibrium, acid-base systems, thermodynamics and electrochemistry. Prerequisite: Satisfactory completion of CHEM 111 and CHEM L111. 3 hours of lecture 1 term - 3 credits. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

• **CHEM-L112 General Chemistry Lab**

Prerequisites:

CHEM 112 must be taken concurrently; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3;

Credits:

1.00

Description:

Laboratory investigation in discovery format of topics from CHEM 112, including introduction to instrumental analysis and acid-base chemistry. Quantitative analysis, particularly volumetric analysis, is emphasized. 4-hour laboratory. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

• **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Topics include functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry. Significant emphasis placed on the use of the arrow formalism to indicate the location and movement of electrons; serves as a basic introduction to organic mechanisms. Prerequisite: CHEM 112, L112 Concurrent enrollment in CHEM L211 required unless L211 has been previously completed. Concurrent enrollment in CHEM L211 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall, days/Summer I, evenings.

Term:

Offered Fall Term

• CHEM-L211 Organic Chemistry Laboratory I

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Laboratory exercises providing an introduction to synthetic organic chemistry techniques, including melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Prerequisite: CHEM 112, L112. Concurrent enrollment in 211 required. 4-hour laboratory. 1 term - 1 credit. Normally offered Fall/Summer, days and evenings.

Term:

Offered Fall Term

• CHEM-212 Organic Chemistry II

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I, includes detailed discussions of organic mechanisms of substitution, elimination, and addition reactions. Significant emphasis is placed on organic synthesis, structure determination, and spectroscopy. Prerequisite: CHEM 211, L211. Concurrent enrollment in CHEM L212 required. 3 hours lecture. 1 term - 3 credits. Normally offered Spring, days/Summer II, evenings.

Term:

Offered Spring Term

• CHEM-L212 Organic Chemistry Laboratory II

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Significant emphasis is placed on the characterization of organic molecules via nuclear magnetic resonance spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Concurrent enrollment in CHEM 212 required. 4-hour laboratory. Normally offered Spring/Summer II, days and evenings.

Term:

Offered Spring Term

• CHEM-314 Instrumental Analysis

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

• CHEM-L314 Instrumental Analysis Lab

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. Prerequisites: CHEM L112; CHEM 314 must be taken concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

• **CHEM-331 Biochemistry I**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L330 must be taken concurrently.

Credits:

3.00

Description:

This course explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme kinetics, membrane structure and signal-transduction pathways. Students will be introduced to the biochemical literature and computer-based bioinformatics techniques. Prerequisites: CHEM 212/L212 or permission of instructor. Concurrent enrollment in CHEM L331 required. 3 hours of lecture per week. Offered every Fall, days only.

Term:

Offered Fall Term

• **CHEM-L331 Biochemical Techniques I**

Prerequisites:

Must be taken concurrently with CHEM 331. Take CHEM-212 or permission of instructor.

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Topics include purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays. Lab work will be written up in the style of a professional journal article. Offered every Fall, days only.

Term:

Offered Fall Term

- **CHEM-375 Advanced Inorganic Chemistry**

Prerequisites:

CHEM 212

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, organometallics, or materials chemistry. 3 hours lecture. Normally offered spring, even numbered years.

Term:

Alternates Fall & Spring

- **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. 4-hour laboratory. Normally offered spring, even numbered years.

Term:

Alternates Fall & Spring

- **CHEM-411 Physical Chemistry I**

Prerequisites:

CHEM 112; MATH 165; PHYS 152

Credits:

3.00

Description:

Principles of thermodynamics and its general applications to physical and chemical change; introduction to the kinetic theory of gases and concepts of statistical mechanics. 3 hours lecture. 3 hour lecture. Normally offered Fall, days.

Term:

Offered Fall Term

• CHEM-L411 Physical Chemistry Laboratory I

Prerequisites:

CHEM 411 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises covering classical experiments in thermodynamic and instrumental measurements. Significant 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. 4-hour laboratory. Normally offered Fall, days.

Term:

Offered Fall Term

• CHEM-412 Physical Chemistry II

Prerequisites:

CHEM 411

Credits:

3.00

Description:

Applications of thermodynamics to solutions, chemical equilibrium and electrochemistry; chemical kinetics will be covered. Quantum chemistry and the application of spectroscopy to molecular structure. 3 hours lecture. Normally offered Spring, days.

Term:

Offered Spring Term

- **CHEM-L412 Physical Chemistry Lab II**

Prerequisites:

CHEM L411; CHEM 412 must be taken concurrently.

Credits:

1.00

Description:

Laboratory exercises using spectroscopic techniques (optical and electrochemical) to explore kinetic and thermodynamic and quantum mechanical properties of chemical systems. 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. 4-hour laboratory. Normally offered Spring, days.

Term:

Offered Spring Term

- **CHEM-428 Research & Seminar I**

Prerequisites:

CHEM 212; CHEM L212; Instructor's Consent required

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation on their project for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and by permission of the instructor. 1 terms - 1 to 4 credits. Normally offered every Fall.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **CHEM-429 Research & Seminar II**

Prerequisites:

CHEM 212 and CHEM L212 and by permission of the instructor.

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and permission of the instructor. 1 term - 1 to 4 credits. Normally offered every Spring.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

- **MATH-165 Calculus I**

Prerequisites:

Math Placement score or MATH 121 with a grade of C or better

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 165 with grade of C or better

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:

Take MATH-121 or MATH 165. 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

Elective Requirements (1 lecture course and 1 lab, 4-7 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.

Applicable lecture courses (choose one):

- **CHEM-332 Biochemistry II**

Prerequisites:

CHEM 331

Credits:

4.00

Description:

This course explores the principles of bioenergetics and metabolism of biological compounds. Coverage includes intermediary metabolism of carbohydrates, lipids, amino acids, oxidative phosphorylation, and synthesis of purines and pyrimidines. Additional topics include the regulation and integration of metabolism. Lectures will be supplemented with discussions of the biochemical literature. Prerequisites: CHEM 331. 3 hours of lecture and 1 hour of recitation per week. Offered every Spring, days only.

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. Prerequisite: CHEM 212, concurrent enrollment in CHEM L390 required. 3 hours of lecture per week. Normally offered alternate years.

Term:

Alternates Fall & Spring

• **CHEM-453 Introduction to Toxicology**

Prerequisites:

Prerequisites: CHEM 212 and BIO 111

Credits:

4.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and selected topics. Topics will include forensic toxicology, environmental and occupational toxicology, pesticides, neurotoxicants, and carcinogenesis. CHEM 332 and BIO 403 strongly recommended. 3 hours of lecture and 1 hour of recitation per week. Normally offered every other year.

Term:

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. They may also elect the 3 credit laboratory course.

Applicable laboratory courses (choose one):

- **CHEM-L432 Advanced Biochemistry Research Laboratory**

Prerequisites:

CHEM-331; CHEM-L331

Credits:

3.00

Description:

Advanced biochemistry laboratory course where students learn experimental design, data analysis, and critical analysis of the scientific literature through the development of independent research projects. 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 will be written up in the style of a professional scientific journal article and presented as a poster. Students will attend scientific talks at local universities.

Satisfies the Expanded Classroom Requirement (ECR). Offered in Spring, days only, every year or every other year.

Term:

Alternates Fall & Spring

Type:

Expanded Classroom Requirement

- **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:

- **CHEM-428 Research & Seminar I**

Prerequisites:

CHEM 212; CHEM L212; Instructor's Consent required

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation on their project for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit.

Prerequisites: CHEM 212 and CHEM L212 and by permission of the instructor. 1 terms - 1 to 4 credits. Normally offered every Fall.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **CHEM-429 Research & Seminar II**

Prerequisites:

CHEM 212 and CHEM L212 and by permission of the instructor.

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and permission of the instructor. 1 term - 1 to 4 credits. Normally offered every Spring.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

• 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.

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 lab 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 four credits of CHEM 428 and CHEM 429 in order to satisfy the American Chemical Society Certification Requirements.

Note: CHEM-L432 is a 3-credit laboratory

Biochemistry Major Requirements

The program in biochemistry draws from the disciplines of chemistry and biology. The major required 20 courses (73 credits). Since the areas are broadened and well-integrated, several career options are possible upon successful completion of the program.

The curricula for the BS and BA in Biochemistry satisfy the requirements for certification by the American Chemical Society if 375 and L375 are elected.

Core Requirements (18 courses with corresponding labs if applicable, 65 credits)

• CHEM-111 General Chemistry

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. Topics include introductions to atomic structure, stoichiometry, periodic table, gas laws, nature of chemical bonds, and thermochemistry. 3 lecture hours. Normally offered Fall/Summer I. This course is recommended for science and engineering majors or those considering careers in the health sciences. Students seeking to satisfy the core science requirement may wish to consider enrolling in CHEM 101/L101.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **CHEM-L111 General Chemistry Lab**

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Exploration of basic principles of chemistry discovery through laboratory investigation, including recognition of the major reaction types, stoichiometry, and qualitative analysis. Additionally, students will be introduced to good laboratory practices and experimental techniques. 4-hour laboratory. Normally offered Fall/Summer I.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **CHEM-112 General Chemistry**

Prerequisites:

CHEM 111/L111;Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

Continuation of the discussion of the fundamental principles of chemistry. Topics include introductions to solutions, kinetics, equilibrium, acid-base systems, thermodynamics and electrochemistry. Prerequisite: Satisfactory completion of CHEM 111 and CHEM L111. 3 hours of lecture 1 term - 3 credits. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry Lab

Prerequisites:

CHEM 112 must be taken concurrently; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3;

Credits:

1.00

Description:

Laboratory investigation in discovery format of topics from CHEM 112, including introduction to instrumental analysis and acid-base chemistry. Quantitative analysis, particularly volumetric analysis, is emphasized. 4-hour laboratory. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-211 Organic Chemistry I

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Topics include functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry. Significant emphasis placed on the use of the arrow formalism to indicate the location and movement of electrons; serves as a basic introduction to organic mechanisms. Prerequisite: CHEM 112, L112 Concurrent enrollment in CHEM L211 required unless L211 has been previously completed. Concurrent enrollment in CHEM L211 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall, days/Summer I, evenings.

Term:

Offered Fall Term

• CHEM-L211 Organic Chemistry Laboratory I

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Laboratory exercises providing an introduction to synthetic organic chemistry techniques, including melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Prerequisite: CHEM 112, L112. Concurrent enrollment in 211 required. 4-hour laboratory. 1 term - 1 credit. Normally offered Fall/Summer, days and evenings.

Term:

Offered Fall Term

• CHEM-212 Organic Chemistry II

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I, includes detailed discussions of organic mechanisms of substitution, elimination, and addition reactions. Significant emphasis is placed on organic synthesis, structure determination, and spectroscopy. Prerequisite: CHEM 211, L211. Concurrent enrollment in CHEM L212 required. 3 hours lecture. 1 term - 3 credits. Normally offered Spring, days/Summer II, evenings.

Term:

Offered Spring Term

• CHEM-L212 Organic Chemistry Laboratory II

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Significant emphasis is placed on the characterization of organic molecules via nuclear magnetic resonance spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Concurrent enrollment in CHEM 212 required. 4-hour laboratory. Normally offered Spring/Summer II, days and evenings.

Term:

Offered Spring Term

• CHEM-314 Instrumental Analysis

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

• CHEM-L314 Instrumental Analysis Lab

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. Prerequisites: CHEM L112; CHEM 314 must be taken concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

• CHEM-331 Biochemistry I

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L330 must be taken concurrently.

Credits:

3.00

Description:

This course explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme kinetics, membrane structure and signal-transduction pathways. Students will be introduced to the biochemical literature and computer-based bioinformatics techniques. Prerequisites: CHEM 212/L212 or permission of instructor. Concurrent enrollment in CHEM L331 required. 3 hours of lecture per week. Offered every Fall, days only.

Term:

Offered Fall Term

• **CHEM-L331 Biochemical Techniques I**

Prerequisites:

Must be taken concurrently with CHEM 331. Take CHEM-212 or permission of instructor.

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Topics include purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays. lab work will be written up in the style of a professional journal article. Offered every Fall, days only.

Term:

Offered Fall Term

• **CHEM-332 Biochemistry II**

Prerequisites:

CHEM 331

Credits:

4.00

Description:

This course explores the principles of bioenergetics and metabolism of biological compounds. Coverage includes intermediary metabolism of carbohydrates, lipids, amino acids, oxidative phosphorylation, and synthesis of purines and pyrimidines. Additional topics include the regulation and integration of metabolism. Lectures will be supplemented with discussions of the biochemical literature. Prerequisites: CHEM 331. 3 hours of lecture and 1 hour of recitation per week. Offered every Spring, days only.

Term:

Offered Spring Term

- CHEM-411 Physical Chemistry I

Prerequisites:

CHEM 112; MATH 165; PHYS 152

Credits:

3.00

Description:

Principles of thermodynamics and its general applications to physical and chemical change; introduction to the kinetic theory of gases and concepts of statistical mechanics. 3 hours lecture. 3 hour lecture. Normally offered Fall, days.

Term:

Offered Fall Term

- CHEM-L411 Physical Chemistry Laboratory I

Prerequisites:

CHEM 411 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises covering classical experiments in thermodynamic and instrumental measurements.

Significant 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. 4-hour laboratory. Normally offered Fall, days.

Term:

Offered Fall Term

- CHEM-412 Physical Chemistry II

Prerequisites:

CHEM 411

Credits:

3.00

Description:

Applications of thermodynamics to solutions, chemical equilibrium and electrochemistry; chemical kinetics will be covered. Quantum chemistry and the application of spectroscopy to molecular structure. 3 hours lecture. Normally offered Spring, days.

Term:

Offered Spring Term

• **CHEM-L412 Physical Chemistry Lab II**

Prerequisites:

CHEM L411; CHEM 412 must be taken concurrently.

Credits:

1.00

Description:

Laboratory exercises using spectroscopic techniques (optical and electrochemical) to explore kinetic and thermodynamic and quantum mechanical properties of chemical systems. 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. 4-hour laboratory. Normally offered Spring, days.

Term:

Offered Spring Term

• **CHEM-428 Research & Seminar I**

Prerequisites:

CHEM 212; CHEM L212; Instructor's Consent required

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation on their project for

review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and by permission of the instructor. 1 term - 1 to 4 credits. Normally offered every Fall.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• CHEM-429 Research & Seminar II

Prerequisites:

CHEM 212 and CHEM L212 and by permission of the instructor.

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and permission of the instructor. 1 term - 1 to 4 credits. Normally offered every Spring.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

• CHEM-L432 Advanced Biochemistry Research Laboratory

Prerequisites:

CHEM-331; CHEM-L331

Credits:

3.00

Description:

Advanced biochemistry laboratory course where students learn experimental design, data analysis, and critical analysis of the scientific literature through the development of independent research projects. 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 will be written up in the style of a professional

scientific journal article and presented as a poster. Students will attend scientific talks at local universities. Satisfies the Expanded Classroom Requirement (ECR). Offered in Spring, days only, every year or every other year.

Term:

Alternates Fall & Spring

Type:

Expanded Classroom Requirement

- **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. Fall Offering: Science Majors ONLY; Spring Offering: Biology Majors ONLY.

Term:

Offered Both Fall and Spring

- **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. Fall Offerings: Science Majors Only; Spring Offerings: Biology Majors Only.

Term:

Offered Both Fall and Spring

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently. Science majors only.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip). Fall Offering: Biology Majors Only; Spring Offering: Science Majors. ECR credit is only earned during the Fall offering.

Term:

Offered Both Fall and Spring

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently Science majors only.

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology. Fall Offering: Biology Majors Only; Spring offering: Science Majors Only.

Term:

Offered Both Fall and Spring

- **MATH-165 Calculus I**

Prerequisites:

Math Placement score or MATH 121 with a grade of C or better

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 165 with grade of C or better

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:

Take MATH-121 or MATH 165. 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:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• PHYS-152 University Physics II

Prerequisites:

PHYS 151, PHYS L152 concurrently

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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

Elective Requirements (2 courses with corresponding labs if applicable, 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 structure and functional inter-relations of the organ systems of the human body. This course includes histology and discussion of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

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 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; By permission of the professor only.

Credits:

3.00

Description:

Conclusion of the survey of the structure and function of inter-relations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, immunity, digestive, urinary, and reproductive systems. 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; By permission of the professor only.

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues.

Term:

Offered Spring Term

- **BIO-274 Genetics**

Prerequisites:

BIO 111/L111, CHEM 111/L111, 'Must take 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:

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. fomicola*, and *C. elegans*.

Term:

Offered Fall Term

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111,

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Fall Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

Must take BIO-285 concurrently

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

• **BIO-377 Immunology**

Prerequisites:

BIO 114, L114 and CHEM 211, L211. Must take 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-377 must be taken concurrently

Credits:

1.00

Description:

Anatomy of the immune system , immunoglobulin purification, hemagglutination, enzyme immunoassay. Immunology, immunoelectrophoresis, gel precipitation assay.

Term:

Occasional

- **BIO-403 Cell Biology**

Prerequisites:

BIO 111/L111 and CHEM 211/L211

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:

Take BIO-111 BIO-L111 CHEM-211 CHEM-L211;and 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:

Take CHEM-211 and CHEM-L211; Take CHEM-331 or BIO-274 and BIO-L274;

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-211 and CHEM-L211; 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.

2013-2014 Archived Catalog Information

Chemistry and Biochemistry

The Department of Chemistry and Biochemistry offers two majors: Chemistry or Biochemistry leading to a BS or BA degree. Students may also elect a forensic science concentration within the biochemistry program. Since the recommended course of study for the freshman year is similar for all programs, decisions regarding specific curricular options can be postponed at least until the sophomore year. Students are urged to consult with their academic advisors as early as possible to discuss professional objectives and options.

Transfer students wishing to major in Chemistry or Biochemistry must successfully complete a minimum of 12 credits in the major at Suffolk University.

All departmental programs minimally require Math 165 and Math 166 (Calculus I and II). Math courses taken to meet prerequisites for Math 165 are counted as free electives. It is recommended that students who do not qualify to begin their math sequence at Suffolk University in Calculus begin the prerequisite sequence immediately in order to avoid unnecessary delays in completion of degree requirements (Note: Math 130 and Math 134 do not fulfill the departmental mathematics requirements).

All students electing a departmental major must complete a capstone course: either Research and Seminar or Forensic Science Practicum, depending on the degree program. The Department of Chemistry and Biochemistry offers a pathway for students to complete the capstone requirements and graduate with departmental honors. This pathway is distinct from the Suffolk University CAS Honors Program.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Chemistry Suggested Course Sequence](#)
- [Biochemistry Suggested Course Sequence](#)
- [Biochemistry/ Forensic Science Requirements](#)
- [Biochemistry/Forensic Science Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Chemistry Courses](#)

Chemistry Program

The recommended course sequence leading to the BS is as follows:

Freshman Year (32 Credits)

- CHEM-111 General Chemistry

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. Topics include introductions to atomic structure, stoichiometry, periodic table, gas laws, nature of chemical bonds, and thermochemistry. 3 lecture hours. Normally offered Fall/Summer I. This course is recommended for science and engineering majors or those considering careers in the health sciences. Students seeking to satisfy the core science requirement may wish to consider enrolling in CHEM 101/L101.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L111 General Chemistry Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Exploration of basic principles of chemistry discovery through laboratory investigation, including recognition of the major reaction types, stoichiometry, and qualitative analysis. Additionally, students will be introduced to good laboratory practices and experimental techniques. 4-hour laboratory. Normally offered Fall/Summer I.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-112 General Chemistry

Prerequisites:

CHEM 111/L111;Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

Continuation of the discussion of the fundamental principles of chemistry. Topics include introductions to solutions, kinetics, equilibrium, acid-base systems, thermodynamics and electrochemistry. Prerequisite: Satisfactory completion of CHEM 111 and CHEM L111. 3 hours of lecture 1 term - 3 credits. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry Lab

Prerequisites:

CHEM 112 must be taken concurrently; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3;

Credits:

1.00

Description:

Laboratory investigation in discovery format of topics from CHEM 112, including introduction to instrumental analysis and acid-base chemistry. Quantitative analysis, particularly volumetric analysis, is emphasized. 4-hour laboratory. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

Quantitative Reasoning (Spring)

• MATH-165 Calculus I

Prerequisites:

Math Placement score or MATH 121 with a grade of C or better

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 165 with grade of C or better

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.

- **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

[Seminar for Freshmen \(Fall\)](#)

Sophomore Year (32 Credits)

- **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Topics include functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry. Significant emphasis placed on the use of the arrow formalism to indicate the location and movement of electrons; serves as a basic introduction to organic mechanisms. Prerequisite: CHEM 112, L112 Concurrent enrollment in CHEM L211 required unless L211 has been previously completed. Concurrent enrollment in CHEM L211 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall, days/Summer I, evenings.

Term:

Offered Fall Term

- **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Laboratory exercises providing an introduction to synthetic organic chemistry techniques, including melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Prerequisite: CHEM 112, L112. Concurrent enrollment in 211 required. 4-hour laboratory. 1 term - 1 credit. Normally offered Fall/Summer, days and evenings.

Term:

Offered Fall Term

• **CHEM-212 Organic Chemistry II**

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I, includes detailed discussions of organic mechanisms of substitution, elimination, and addition reactions. Significant emphasis is placed on organic synthesis, structure determination, and spectroscopy. Prerequisite: CHEM 211, L211. Concurrent enrollment in CHEM L212 required. 3 hours lecture. 1 term - 3 credits. Normally offered Spring, days/Summer II, evenings.

Term:

Offered Spring Term

• **CHEM-L212 Organic Chemistry Laboratory II**

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Significant emphasis is placed on the characterization of organic molecules via nuclear magnetic resonance spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Concurrent enrollment in CHEM 212 required. 4-hour laboratory. Normally offered Spring/Summer II, days and evenings.

Term:

Offered Spring Term

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• 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.

Literature

Social Science

Humanities/History

Junior Year (33 Credits)

- **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

- **CHEM-L314 Instrumental Analysis Lab**

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. Prerequisites: CHEM L112; CHEM 314 must be taken concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

- **CHEM-411 Physical Chemistry I**

Prerequisites:

CHEM 112; MATH 165; PHYS 152

Credits:

3.00

Description:

Principles of thermodynamics and its general applications to physical and chemical change; introduction to the kinetic theory of gases and concepts of statistical mechanics. 3 hours lecture. 3 hour lecture. Normally offered Fall, days.

Term:

Offered Fall Term

- **CHEM-L411 Physical Chemistry Laboratory I**

Prerequisites:

CHEM 411 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises covering classical experiments in thermodynamic and instrumental measurements. Significant 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. 4-hour laboratory. Normally offered Fall, days.

Term:

Offered Fall Term

- **CHEM-412 Physical Chemistry II**

Prerequisites:

CHEM 411

Credits:

3.00

Description:

Applications of thermodynamics to solutions, chemical equilibrium and electrochemistry; chemical kinetics will be covered. Quantum chemistry and the application of spectroscopy to molecular structure. 3 hours lecture. Normally offered Spring, days.

Term:

Offered Spring Term

- **CHEM-L412 Physical Chemistry Lab II**

Prerequisites:

CHEM L411; CHEM 412 must be taken concurrently.

Credits:

1.00

Description:

Laboratory exercises using spectroscopic techniques (optical and electrochemical) to explore kinetic and thermodynamic and quantum mechanical properties of chemical systems. 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. 4-hour laboratory. Normally offered Spring, days.

Term:

Offered Spring Term

- **CHEM-331 Biochemistry I**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L330 must be taken concurrently.

Credits:

3.00

Description:

This course explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme kinetics, membrane structure and signal-transduction pathways. Students will be introduced to the biochemical literature and computer-based

bioinformatics techniques. Prerequisites: CHEM 212/L212 or permission of instructor. Concurrent enrollment in CHEM L331 required. 3 hours of lecture per week. Offered every Fall, days only.

Term:

Offered Fall Term

• CHEM-L331 Biochemical Techniques I

Prerequisites:

Must be taken concurrently with CHEM 331. Take CHEM-212 or permission of instructor.

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Topics include purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays. Lab work will be written up in the style of a professional journal article. Offered every Fall, days only.

Term:

Offered Fall Term

Ethical and Philosophical Inquiry

Humanities/History

Free electives

Senior Year (30-33 credits)

• CHEM-375 Advanced Inorganic Chemistry

Prerequisites:

CHEM 212

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, organometallics, or materials chemistry. 3 hours lecture. Normally offered spring, even numbered years.

Term:

Alternates Fall & Spring

- **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. 4-hour laboratory. Normally offered spring, even 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:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation on their project for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit.

Prerequisites: CHEM 212 and CHEM L212 and by permission of the instructor. 1 terms - 1 to 4 credits. Normally offered every Fall.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **CHEM-429 Research & Seminar II**

Prerequisites:

CHEM 212 and CHEM L212 and by permission of the instructor.

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and permission of the instructor. 1 term - 1 to 4 credits. Normally offered every Spring.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

Chemistry Lecture Elective* Chemistry Lab Elective**

(electives may be taken junior or senior year)

Free electives (16 credits)

*Lecture electives include CHEM 332, CHEM 355, CHEM 390, CHEM 453.

**Lab electives include CHEM L355, CHEM L390, and CHEM L432.

2013-2014 Archived Catalog Information

Chemistry and Biochemistry

The Department of Chemistry and Biochemistry offers two majors: Chemistry or Biochemistry leading to a BS or BA degree. Students may also elect a forensic science concentration within the biochemistry program. Since the recommended course of study for the freshman year is similar for all programs, decisions regarding specific curricular options can be postponed at least until the sophomore year. Students are urged to consult with their academic advisors as early as possible to discuss professional objectives and options.

Transfer students wishing to major in Chemistry or Biochemistry must successfully complete a minimum of 12 credits in the major at Suffolk University.

All departmental programs minimally require Math 165 and Math 166 (Calculus I and II). Math courses taken to meet prerequisites for Math 165 are counted as free electives. It is recommended that students who do not qualify to begin their math sequence at Suffolk University in Calculus begin the prerequisite sequence immediately in order to avoid unnecessary delays in completion of degree requirements (Note: Math 130 and Math 134 do not fulfill the departmental mathematics requirements).

All students electing a departmental major must complete a capstone course: either Research and Seminar or Forensic Science Practicum, depending on the degree program. The Department of Chemistry and Biochemistry offers a pathway for students to complete the capstone requirements and graduate with departmental honors. This pathway is distinct from the Suffolk University CAS Honors Program.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Chemistry Suggested Course Sequence](#)
- [Biochemistry Suggested Course Sequence](#)
- [Biochemistry/ Forensic Science Requirements](#)
- [Biochemistry/Forensic Science Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Chemistry Courses](#)

Biochemistry Program

The recommended course sequence leading to the BS is outlined as follows:

Freshman Year (32 Credits)

- CHEM-111 General Chemistry

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. Topics include introductions to atomic structure, stoichiometry, periodic table, gas laws, nature of chemical bonds, and thermochemistry. 3 lecture hours. Normally offered Fall/Summer I. This course is recommended for science and engineering majors or those considering careers in the health sciences. Students seeking to satisfy the core science requirement may wish to consider enrolling in CHEM 101/L101.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L111 General Chemistry Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Exploration of basic principles of chemistry discovery through laboratory investigation, including recognition of the major reaction types, stoichiometry, and qualitative analysis. Additionally, students will be introduced to good laboratory practices and experimental techniques. 4-hour laboratory. Normally offered Fall/Summer I.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-112 General Chemistry

Prerequisites:

CHEM 111/L111;Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

Continuation of the discussion of the fundamental principles of chemistry. Topics include introductions to solutions, kinetics, equilibrium, acid-base systems, thermodynamics and electrochemistry. Prerequisite: Satisfactory completion of CHEM 111 and CHEM L111. 3 hours of lecture 1 term - 3 credits. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry Lab

Prerequisites:

CHEM 112 must be taken concurrently; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3;

Credits:

1.00

Description:

Laboratory investigation in discovery format of topics from CHEM 112, including introduction to instrumental analysis and acid-base chemistry. Quantitative analysis, particularly volumetric analysis, is emphasized. 4-hour laboratory. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• BIO-114 Organismal Biology

Prerequisites:

Must take BIO L114 concurrently. Science majors only.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip). Fall Offering: Biology Majors Only; Spring Offering: Science Majors. ECR credit is only earned during the Fall offering.

Term:

Offered Both Fall and Spring

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently Science majors only.

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology. Fall Offering: Biology Majors Only; Spring offering: Science Majors Only.

Term:

Offered Both Fall and Spring

- **MATH-165 Calculus I**

Prerequisites:

Math Placement score or MATH 121 with a grade of C or better

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 165 with grade of C or better

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.

- **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

[Seminar for Freshman \(Fall\)](#)

• CHEM-211 Organic Chemistry I

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Topics include functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry. Significant emphasis placed on the use of the arrow formalism to indicate the location and movement of electrons; serves as a basic introduction to organic mechanisms. Prerequisite: CHEM 112, L112 Concurrent enrollment in CHEM L211 required unless L211 has been previously completed. Concurrent enrollment in CHEM L211 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall, days/Summer I, evenings.

Term:

Offered Fall Term

• CHEM-L211 Organic Chemistry Laboratory I

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Laboratory exercises providing an introduction to synthetic organic chemistry techniques, including melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Prerequisite: CHEM 112, L112. Concurrent enrollment in 211 required. 4-hour laboratory. 1 term - 1 credit. Normally offered Fall/Summer, days and evenings.

Term:

Offered Fall Term

• CHEM-212 Organic Chemistry II

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I, includes detailed discussions of organic mechanisms of substitution, elimination, and addition reactions. Significant emphasis is placed on organic synthesis, structure determination, and spectroscopy. Prerequisite: CHEM 211, L211. Concurrent enrollment in CHEM L212 required. 3 hours lecture. 1 term - 3 credits. Normally offered Spring, days/Summer II, evenings.

Term:

Offered Spring Term

- **CHEM-L212 Organic Chemistry Laboratory II**

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Significant emphasis is placed on the characterization of organic molecules via nuclear magnetic resonance spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Concurrent enrollment in CHEM 212 required. 4-hour laboratory. Normally offered Spring/Summer II, days and evenings.

Term:

Offered Spring Term

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• PHYS-152 University Physics II

Prerequisites:

PHYS 151, PHYS L152 concurrently

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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

- **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. Fall Offering: Science Majors ONLY; Spring Offering: Biology Majors ONLY.

Term:

Offered Both Fall and Spring

- **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. Fall Offerings: Science Majors Only; Spring Offerings: Biology Majors Only.

Term:

Offered Both Fall and Spring

Quantitative Reasoning

Literature

Ethical and Philosophical Inquiry

Junior Year (31 credits)

- CHEM-314 Instrumental Analysis

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

- CHEM-L314 Instrumental Analysis Lab

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. Prerequisites: CHEM L112; CHEM 314 must be taken concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

• CHEM-331 Biochemistry I

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L330 must be taken concurrently.

Credits:

3.00

Description:

This course explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme kinetics, membrane structure and signal-transduction pathways. Students will be introduced to the biochemical literature and computer-based bioinformatics techniques. Prerequisites: CHEM 212/L212 or permission of instructor. Concurrent enrollment in CHEM L331 required. 3 hours of lecture per week. Offered every Fall, days only.

Term:

Offered Fall Term

• CHEM-L331 Biochemical Techniques I

Prerequisites:

Must be taken concurrently with CHEM 331. Take CHEM-212 or permission of instructor.

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Topics include purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays. lab work will be written up in the style of a professional journal article. Offered every Fall, days only.

Term:

Offered Fall Term

• CHEM-332 Biochemistry II

Prerequisites:

CHEM 331

Credits:

4.00

Description:

This course explores the principles of bioenergetics and metabolism of biological compounds. Coverage includes intermediary metabolism of carbohydrates, lipids, amino acids, oxidative phosphorylation, and synthesis of purines and pyrimidines. Additional topics include the regulation and integration of metabolism. Lectures will be supplemented with discussions of the biochemical literature. Prerequisites: CHEM 331. 3 hours of lecture and 1 hour of recitation per week. Offered every Spring, days only.

Term:

Offered Spring Term

• **CHEM-L432 Advanced Biochemistry Research Laboratory**

Prerequisites:

CHEM-331; CHEM-L331

Credits:

3.00

Description:

Advanced biochemistry laboratory course where students learn experimental design, data analysis, and critical analysis of the scientific literature through the development of independent research projects. 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 will be written up in the style of a professional scientific journal article and presented as a poster. Students will attend scientific talks at local universities. Satisfies the Expanded Classroom Requirement (ECR). Offered in Spring, days only, every year or every other year.

Term:

Alternates Fall & Spring

Type:

Expanded Classroom Requirement

Advanced Biology Electives* (8 credits)

Humanities/History

Free Electives (4 credits)]

- CHEM-411 Physical Chemistry I

Prerequisites:

CHEM 112; MATH 165; PHYS 152

Credits:

3.00

Description:

Principles of thermodynamics and its general applications to physical and chemical change; introduction to the kinetic theory of gases and concepts of statistical mechanics. 3 hours lecture. 3 hour lecture. Normally offered Fall, days.

Term:

Offered Fall Term

- CHEM-L411 Physical Chemistry Laboratory I

Prerequisites:

CHEM 411 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises covering classical experiments in thermodynamic and instrumental measurements. Significant 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. 4-hour laboratory. Normally offered Fall, days.

Term:

Offered Fall Term

- CHEM-412 Physical Chemistry II

Prerequisites:

CHEM 411

Credits:

3.00

Description:

Applications of thermodynamics to solutions, chemical equilibrium and electrochemistry; chemical kinetics will be covered. Quantum chemistry and the application of spectroscopy to molecular structure. 3 hours lecture. Normally offered Spring, days.

Term:

Offered Spring Term

• **CHEM-L412 Physical Chemistry Lab II**

Prerequisites:

CHEM L411; CHEM 412 must be taken concurrently.

Credits:

1.00

Description:

Laboratory exercises using spectroscopic techniques (optical and electrochemical) to explore kinetic and thermodynamic and quantum mechanical properties of chemical systems. 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. 4-hour laboratory. Normally offered Spring, days.

Term:

Offered Spring Term

• **CHEM-428 Research & Seminar I**

Prerequisites:

CHEM 212; CHEM L212; Instructor's Consent required

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation on their project for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and by permission of the instructor. 1 terms - 1 to 4 credits. Normally offered every Fall.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• CHEM-429 Research & Seminar II

Prerequisites:

CHEM 212 and CHEM L212 and by permission of the instructor.

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and permission of the instructor. 1 term - 1 to 4 credits. Normally offered every Spring.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

Humanities/History

Social Science

Free Electives** (12 credits)

*Must be chosen from the following: BIO 203, L203; BIO 204, L204; BIO 274, L274; 285, L285; 377, L377; 403, L403; 474, L474. Note: BIO 273 fulfills the quantitative reasoning requirement. BIO 274, 403 and 474 are recommended for those planning on taking the Biochemistry GRE examination for graduate school admission.

**CHEM 375, L375 required for those students seeking American Chemical Society Certification.

2013-2014 Archived Catalog Information

Chemistry and Biochemistry

The Department of Chemistry and Biochemistry offers two majors: Chemistry or Biochemistry leading to a BS or BA degree. Students may also elect a forensic science concentration within the biochemistry program. Since the recommended course of study for the freshman year is similar for all programs, decisions regarding specific curricular options can be postponed at least until the sophomore year. Students are urged to consult with their academic advisors as early as possible to discuss professional objectives and options.

Transfer students wishing to major in Chemistry or Biochemistry must successfully complete a minimum of 12 credits in the major at Suffolk University.

All departmental programs minimally require Math 165 and Math 166 (Calculus I and II). Math courses taken to meet prerequisites for Math 165 are counted as free electives. It is recommended that students who do not qualify to begin their math sequence at Suffolk University in Calculus begin the prerequisite sequence immediately in order to avoid unnecessary delays in completion of degree requirements (Note: Math 130 and Math 134 do not fulfill the departmental mathematics requirements).

All students electing a departmental major must complete a capstone course: either Research and Seminar or Forensic Science Practicum, depending on the degree program. The Department of Chemistry and Biochemistry offers a pathway for students to complete the capstone requirements and graduate with departmental honors. This pathway is distinct from the Suffolk University CAS Honors Program.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Chemistry Suggested Course Sequence](#)
- [Biochemistry Suggested Course Sequence](#)
- [Biochemistry/ Forensic Science Requirements](#)
- [Biochemistry/Forensic Science Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Chemistry Courses](#)

The Biochemistry/ Forensic Science concentration requires the completion of 36 courses (80 credits).

The following courses are suitable to fulfill program or elective requirements in the biochemistry/forensic science concentration or as electives for students with an interest in forensic science.

- **FS-303 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 Criminalistics 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 faculty. However, the Forensic Science faculty member teaching FS 436 must approve any outside practicum sponsor for this course, and if a suitable outside sponsor is not found, the student will fulfill this requirement through a forensic science project at Suffolk University. 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 Committee. Ten contact hours per week, or 140 hours total, a

project plan, regular project reports, and a final written and oral report are required. Normally offered Fall/Spring/Summer. ECR approved.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• **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 faculty. However, the Forensic Science faculty member teaching FS 436 must approve any outside practicum sponsor for this course, and if a suitable outside sponsor is not found, the student will fulfill this requirement through a forensic science project at Suffolk University. 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 Committee. Ten contact hours per week, or 140 hours total, a project plan, regular project reports, and a final written and oral report are required. Normally offered Fall/Spring/Summer. ECR approved.

Type:

Expanded Classroom Requirement

• **FS-L403 Microscopy Lab for Trace Analysis**

Prerequisites:

Chem 314 & L314; FS 303 & L303 or instructor's consent

Credits:

1.00

Description:

This class complements FS 403, Trace Evidence, and consists of lectures and laboratory exercises using microscopical analysis. An emphasis is placed on visual light microscope theory and usage. Stereoscopic and

polarized light microscopes (PLMs) are located at individual student workstations. A comparison microscope is also available. Additionally, microscopes utilizing spectroscopic detection are studied and used. Infrared microscopy experiments are conducted on trace materials such as fibers, paint and glass. Prerequisites: CHEM 314, CHEM L314, FS 303 and L303 or instructor's permission. Student must be concurrently enrolled in FS 403. 3-hour laboratory. 1 term - 1 credit. Normally offered in alternate years.

Term:

Alternates Fall & Spring

FS-403 Trace Evidence OR CHEM-553

The following courses are recommended as electives for students in the Forensic Science Concentration of Biochemistry:

- **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.

Type:

Social Science

- **SOC-231 Victims of Crime**

Credits:

4.00

Description:

In recent years, public attention to victims of crime has grown enormously. The reasons for this are complex. They include the effects of political organizing by crime victims; increased media attention to crime (often driven by crime stories as entertainment and advertising vehicles); the exploitation of crime victims by the politicians; and long-standing community frustrations with the criminal justice system. This course will examine the rise of public attention to crime, the response of the criminal justice system to victims, and the problems and possibilities regarding new responses to victims of crime. New developments in restorative justice will be presented as an emerging alternative to problems victims have reported with the criminal justice system.

Term:

Occasional

- **SOC-234 Criminal Justice Systems**

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

Additionally, Summer Forensic Science Institute offerings are accepted as electives.

Summer Forensic Science Institute

Sponsored by Suffolk University and the Boston Police Department Crime Laboratory, the summer forensic science institute offers week-long courses for continuing education of forensic science professionals. Enrollment in these courses for upper-division credit in forensic science at Suffolk University is an option; approval by a member of the Forensic Science Advisory Committee is a prerequisite.

- **FS-504 Basic Bloodstain Pattern Analysis**

Prerequisites:

Permission of the Forensic Science Advisory Committee

Credits:

4.00

Description:

This weeklong course, divided between lectures and laboratory exercises, teaches the fundamental principles of the discipline through theory and practice. The laboratory exercises allow students the opportunity to experiment with how blood reacts under known conditions. This course will not make 'instant experts' of the students, but it does give a firm foundation on which they can build expert qualifications. Offered occasionally - Most recently offered Summer 2010.

Term:

Occasional

- **FS-508 Physical Evidence Testimony**

Prerequisites:

FS 303 and a signature from the Forensic Science Advising Committee.

Credits:

4.00

Description:

Provides forensic scientists with legal and practical information concerning courtroom testimony. Topics include: Rules of Evidence of significance to forensic experts; the requirement of scientific reliability as a prerequisite to testimony; ethical considerations; preparation and relationship with the attorney calling an expert; persuasive courtroom behaviors and strategies; basic Fourth Amendment issues for experts; civil liability for forensic experts. Classes include lectures, discussions and simulations and are held in a courtroom. Offered occasionally; most recently offered summer 2006.

Term:

Occasional

Organizational Affiliation: Boston Police Crime Laboratory

2013-2014 Archived Catalog Information

Chemistry and Biochemistry

The Department of Chemistry and Biochemistry offers two majors: Chemistry or Biochemistry leading to a BS or BA degree. Students may also elect a forensic science concentration within the biochemistry program. Since the recommended course of study for the freshman year is similar for all programs, decisions regarding specific curricular options can be postponed at least until the sophomore year. Students are urged to consult with their academic advisors as early as possible to discuss professional objectives and options.

Transfer students wishing to major in Chemistry or Biochemistry must successfully complete a minimum of 12 credits in the major at Suffolk University.

All departmental programs minimally require Math 165 and Math 166 (Calculus I and II). Math courses taken to meet prerequisites for Math 165 are counted as free electives. It is recommended that students who do not qualify to begin their math sequence at Suffolk University in Calculus begin the prerequisite sequence immediately in order to avoid unnecessary delays in completion of degree requirements (Note: Math 130 and Math 134 do not fulfill the departmental mathematics requirements).

All students electing a departmental major must complete a capstone course: either Research and Seminar or Forensic Science Practicum, depending on the degree program. The Department of Chemistry and Biochemistry offers a pathway for students to complete the capstone requirements and graduate with departmental honors. This pathway is distinct from the Suffolk University CAS Honors Program.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Chemistry Suggested Course Sequence](#)
- [Biochemistry Suggested Course Sequence](#)
- [Biochemistry/ Forensic Science Requirements](#)
- [Biochemistry/Forensic Science Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Chemistry Courses](#)

Biochemistry/Forensic Science Suggested Course Sequence

The recommended course sequence leading to the BS is outlined as follows:

Freshman Year (32 credits)

- CHEM-111 General Chemistry

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. Topics include introductions to atomic structure, stoichiometry, periodic table, gas laws, nature of chemical bonds, and thermochemistry. 3 lecture hours. Normally offered Fall/Summer I. This course is recommended for science and engineering majors or those considering careers in the health sciences. Students seeking to satisfy the core science requirement may wish to consider enrolling in CHEM 101/L101.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L111 General Chemistry Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Exploration of basic principles of chemistry discovery through laboratory investigation, including recognition of the major reaction types, stoichiometry, and qualitative analysis. Additionally, students will be introduced to good laboratory practices and experimental techniques. 4-hour laboratory. Normally offered Fall/Summer I.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-112 General Chemistry

Prerequisites:

CHEM 111/L111;Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

Continuation of the discussion of the fundamental principles of chemistry. Topics include introductions to solutions, kinetics, equilibrium, acid-base systems, thermodynamics and electrochemistry. Prerequisite: Satisfactory completion of CHEM 111 and CHEM L111. 3 hours of lecture 1 term - 3 credits. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry Lab

Prerequisites:

CHEM 112 must be taken concurrently; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3;

Credits:

1.00

Description:

Laboratory investigation in discovery format of topics from CHEM 112, including introduction to instrumental analysis and acid-base chemistry. Quantitative analysis, particularly volumetric analysis, is emphasized. 4-hour laboratory. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• MATH-165 Calculus I

Prerequisites:

Math Placement score or MATH 121 with a grade of C or better

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 165 with grade of C or better

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.

- **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

Seminar for Freshmen (Fall)

Spring

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently. Science majors only.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip). Fall Offering: Biology Majors Only; Spring Offering: Science Majors. ECR credit is only earned during the Fall offering.

Term:

Offered Both Fall and Spring

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently Science majors only.

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology. Fall Offering: Biology Majors Only; Spring offering: Science Majors Only.

Term:

Offered Both Fall and Spring

- **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Topics include functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry. Significant emphasis placed on the use of the arrow formalism to indicate the location and movement of electrons; serves as a basic introduction to organic mechanisms. Prerequisite: CHEM 112, L112 Concurrent enrollment in CHEM L211 required unless L211 has been previously completed. Concurrent enrollment in CHEM L211 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall, days/Summer I, evenings.

Term:

Offered Fall Term

- **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Laboratory exercises providing an introduction to synthetic organic chemistry techniques, including melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Prerequisite: CHEM 112, L112. Concurrent enrollment in 211 required. 4-hour laboratory. 1 term - 1 credit. Normally offered Fall/Summer, days and evenings.

Term:

Offered Fall Term

- **CHEM-212 Organic Chemistry II**

Prerequisites:

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I, includes detailed discussions of organic mechanisms of substitution, elimination, and addition reactions. Significant emphasis is placed on organic synthesis, structure determination, and spectroscopy. Prerequisite: CHEM 211, L211. Concurrent enrollment in CHEM L212 required. 3 hours lecture. 1 term - 3 credits. Normally offered Spring, days/Summer II, evenings.

Term:

Offered Spring Term

• CHEM-L212 Organic Chemistry Laboratory II

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Significant emphasis is placed on the characterization of organic molecules via nuclear magnetic resonance spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Concurrent enrollment in CHEM 212 required. 4-hour laboratory. Normally offered Spring/Summer II, days and evenings.

Term:

Offered Spring Term

• FS-303 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 Criminalistics 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

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

Fall

- **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. Fall Offering: Science Majors ONLY; Spring Offering: Biology Majors ONLY.

Term:

Offered Both Fall and Spring

- **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. Fall Offerings: Science Majors Only; Spring Offerings: Biology Majors Only.

Term:

Literature

Ethical and Philosophical Inquiry

Junior Year (33 credits)

- **CHEM-331 Biochemistry I**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L330 must be taken concurrently.

Credits:

3.00

Description:

This course explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme kinetics, membrane structure and signal-transduction pathways. Students will be introduced to the biochemical literature and computer-based bioinformatics techniques. Prerequisites: CHEM 212/L212 or permission of instructor. Concurrent enrollment in CHEM L331 required. 3 hours of lecture per week. Offered every Fall, days only.

Term:

Offered Fall Term

- **CHEM-L331 Biochemical Techniques I**

Prerequisites:

Must be taken concurrently with CHEM 331. Take CHEM-212 or permission of instructor.

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Topics include purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays. Lab work will be written up in the style of a professional journal article. Offered every Fall, days only.

Term:

Offered Fall Term

- **CHEM-332 Biochemistry II**

Prerequisites:

CHEM 331

Credits:

4.00

Description:

This course explores the principles of bioenergetics and metabolism of biological compounds. Coverage includes intermediary metabolism of carbohydrates, lipids, amino acids, oxidative phosphorylation, and synthesis of purines and pyrimidines. Additional topics include the regulation and integration of metabolism. Lectures will be supplemented with discussions of the biochemical literature. Prerequisites: CHEM 331. 3 hours of lecture and 1 hour of recitation per week. Offered every Spring, days only.

Term:

Offered Spring Term

• **STATS-250 Applied Statistics**

Prerequisites:

MATH 130, MATH 134, MATH 146 OR MATH 165

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 Reasoning

• **BIO-274 Genetics**

Prerequisites:

BIO 111/L111, CHEM 111/L111, 'Must take 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:

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. fomicola*, and *C. elegans*.

Term:

Offered Fall Term

- **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

- **CHEM-L314 Instrumental Analysis Lab**

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. Prerequisites: CHEM L112; CHEM 314 must be taken concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

Humanities/History

Social Science

Free Electives (4 credits)]

*BIO 273 satisfies quantitative reasoning requirement.

Senior Year (29-32 credits)

- CHEM-411 Physical Chemistry I

Prerequisites:

CHEM 112; MATH 165; PHYS 152

Credits:

3.00

Description:

Principles of thermodynamics and its general applications to physical and chemical change; introduction to the kinetic theory of gases and concepts of statistical mechanics. 3 hours lecture. 3 hour lecture. Normally offered Fall, days.

Term:

Offered Fall Term

- CHEM-L411 Physical Chemistry Laboratory I

Prerequisites:

CHEM 411 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises covering classical experiments in thermodynamic and instrumental measurements. Significant 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. 4-hour laboratory. Normally offered Fall, days.

Term:

Offered Fall Term

- **CHEM-412 Physical Chemistry II**

Prerequisites:

CHEM 411

Credits:

3.00

Description:

Applications of thermodynamics to solutions, chemical equilibrium and electrochemistry; chemical kinetics will be covered. Quantum chemistry and the application of spectroscopy to molecular structure. 3 hours lecture. Normally offered Spring, days.

Term:

Offered Spring Term

- **CHEM-L412 Physical Chemistry Lab II**

Prerequisites:

CHEM L411; CHEM 412 must be taken concurrently.

Credits:

1.00

Description:

Laboratory exercises using spectroscopic techniques (optical and electrochemical) to explore kinetic and thermodynamic and quantum mechanical properties of chemical systems. 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. 4-hour laboratory. Normally offered Spring, days.

Term:

• 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 faculty. However, the Forensic Science faculty member teaching FS 436 must approve any outside practicum sponsor for this course, and if a suitable outside sponsor is not found, the student will fulfill this requirement through a forensic science project at Suffolk University. 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 Committee. Ten contact hours per week, or 140 hours total, a project plan, regular project reports, and a final written and oral report are required. Normally offered Fall/Spring/Summer. ECR approved.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• 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 faculty. However, the Forensic Science faculty member teaching FS 436 must approve any outside practicum sponsor for this course, and if a suitable outside sponsor is not found, the student will fulfill this requirement through a forensic science project at Suffolk University.

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 Committee. Ten contact hours per week, or 140 hours total, a project plan, regular project reports, and a final written and oral report are required. Normally offered Fall/Spring/Summer. ECR approved.

Type:

Expanded Classroom Requirement

FS-423

OR

- **FS-403 Trace Evidence**

Prerequisites:

Prerequisite: FS 303 and FS L303 or instructor's permission

Credits:

3.00

Description:

This course covers the examination of trace materials, other than DNA sources, by visual microscopic analysis through advanced instrumental analysis. The collection, preservation, analysis, report preparation, and evidential significance for court testimony are described. Examples of common materials, such as textile fibers, paints and glass are used to describe the process of comparison and chemical identification of a known versus a questioned specimen(s) suspect of being associated with a crime scene. Instrumental demonstrations are provided.

Prerequisites: CHEM 314, CHEM L314, FS 303 and FS L303 or instructor's permission. 3-hour lecture. Normally offered in alternate years.

Term:

Alternates Fall & Spring

- **FS-L403 Microscopy Lab for Trace Analysis**

Prerequisites:

Chem 314 & L314; FS 303 & L303 or instructor's consent

Credits:

1.00

Description:

This class complements FS 403, Trace Evidence, and consists of lectures and laboratory exercises using microscopical analysis. An emphasis is placed on visual light microscope theory and usage. Stereoscopic and polarized light microscopes (PLMs) are located at individual student workstations. A comparison microscope is also available. Additionally, microscopes utilizing spectroscopic detection are studied and used. Infrared

microscopy experiments are conducted on trace materials such as fibers, paint and glass. Prerequisites: CHEM 314, CHEM L314, FS 303 and L303 or instructor's permission. Student must be concurrently enrolled in FS 403. 3-hour laboratory. 1 term - 1 credit. Normally offered in alternate years.

Term:

Alternates Fall & Spring

and

- **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 faculty. However, the Forensic Science faculty member teaching FS 436 must approve any outside practicum sponsor for this course, and if a suitable outside sponsor is not found, the student will fulfill this requirement through a forensic science project at Suffolk University. 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 Committee. Ten contact hours per week, or 140 hours total, a project plan, regular project reports, and a final written and oral report are required. Normally offered Fall/Spring/Summer. ECR approved.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **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 faculty. However, the Forensic Science faculty member teaching FS 436 must approve any outside practicum sponsor for this course, and if a suitable outside sponsor is not found, the student will fulfill this requirement through a forensic science project at Suffolk University. 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 Committee. Ten contact hours per week, or 140 hours total, a project plan, regular project reports, and a final written and oral report are required. Normally offered Fall/Spring/Summer. ECR approved.

Type:

Expanded Classroom Requirement

Criminalistics Elective***

Humanities/History

Free Electives (8 credits)]

*STATS 250 satisfies quantitative reasoning requirement.

**Participation in government crime labs is subject to requirements of those laboratories and will be open only to those students approved by the Forensic Science Committee; students wishing to major in this program should consult the director of forensic science early in the program. These courses fulfill the Expanded Classroom Requirement (ECR).

***Choose one from the following: CHEM 453, EHS 264, EHS 367, SOC 231, SOC 234, SOC 235, SOC 237, SOC 333. Additionally, Summer Forensic Science Institute offerings may be used toward this Elective Requirement; approval by a member of the Forensic Science Advisory Committee is required.

2013-2014 Archived Catalog Information

Chemistry and Biochemistry

The Department of Chemistry and Biochemistry offers two majors: Chemistry or Biochemistry leading to a BS or BA degree. Students may also elect a forensic science concentration within the biochemistry program. Since the recommended course of study for the freshman year is similar for all programs, decisions regarding specific curricular options can be postponed at least until the sophomore year. Students are urged to consult with their academic advisors as early as possible to discuss professional objectives and options.

Transfer students wishing to major in Chemistry or Biochemistry must successfully complete a minimum of 12 credits in the major at Suffolk University.

All departmental programs minimally require Math 165 and Math 166 (Calculus I and II). Math courses taken to meet prerequisites for Math 165 are counted as free electives. It is recommended that students who do not qualify to begin their math sequence at Suffolk University in Calculus begin the prerequisite sequence immediately in order to avoid unnecessary delays in completion of degree requirements (Note: Math 130 and Math 134 do not fulfill the departmental mathematics requirements).

All students electing a departmental major must complete a capstone course: either Research and Seminar or Forensic Science Practicum, depending on the degree program. The Department of Chemistry and Biochemistry offers a pathway for students to complete the capstone requirements and graduate with departmental honors. This pathway is distinct from the Suffolk University CAS Honors Program.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Chemistry Suggested Course Sequence](#)
- [Biochemistry Suggested Course Sequence](#)
- [Biochemistry/ Forensic Science Requirements](#)
- [Biochemistry/Forensic Science Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Chemistry Courses](#)

The minor in chemistry consists of 6 courses with corresponding labs when applicable (24 credits).

Requirements

- CHEM-111 General Chemistry

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. Topics include introductions to atomic structure, stoichiometry, periodic table, gas laws, nature of chemical bonds, and thermochemistry. 3 lecture hours. Normally offered Fall/Summer I. This course is recommended for science and engineering majors or those considering careers in the health sciences. Students seeking to satisfy the core science requirement may wish to consider enrolling in CHEM 101/L101.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L111 General Chemistry Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Exploration of basic principles of chemistry discovery through laboratory investigation, including recognition of the major reaction types, stoichiometry, and qualitative analysis. Additionally, students will be introduced to good laboratory practices and experimental techniques. 4-hour laboratory. Normally offered Fall/Summer I.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-112 General Chemistry

Prerequisites:

CHEM 111/L111;Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

Continuation of the discussion of the fundamental principles of chemistry. Topics include introductions to solutions, kinetics, equilibrium, acid-base systems, thermodynamics and electrochemistry. Prerequisite: Satisfactory completion of CHEM 111 and CHEM L111. 3 hours of lecture 1 term - 3 credits. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry Lab

Prerequisites:

CHEM 112 must be taken concurrently; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3;

Credits:

1.00

Description:

Laboratory investigation in discovery format of topics from CHEM 112, including introduction to instrumental analysis and acid-base chemistry. Quantitative analysis, particularly volumetric analysis, is emphasized. 4-hour laboratory. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-211 Organic Chemistry I

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Topics include functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry. Significant emphasis placed on the use of the arrow formalism to indicate the location and movement of electrons; serves as a basic introduction to organic mechanisms. Prerequisite: CHEM 112, L112 Concurrent enrollment in CHEM L211 required unless L211 has been previously completed. Concurrent enrollment in CHEM L211 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall, days/Summer I, evenings.

Term:

Offered Fall Term

• CHEM-L211 Organic Chemistry Laboratory I

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Laboratory exercises providing an introduction to synthetic organic chemistry techniques, including melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Prerequisite: CHEM 112, L112. Concurrent enrollment in 211 required. 4-hour laboratory. 1 term - 1 credit. Normally offered Fall/Summer, days and evenings.

Term:

Offered Fall Term

• CHEM-212 Organic Chemistry II

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I, includes detailed discussions of organic mechanisms of substitution, elimination, and addition reactions. Significant emphasis is placed on organic synthesis, structure determination, and spectroscopy. Prerequisite: CHEM 211, L211. Concurrent enrollment in CHEM L212 required. 3 hours lecture. 1 term - 3 credits. Normally offered Spring, days/Summer II, evenings.

Term:

Offered Spring Term

• CHEM-L212 Organic Chemistry Laboratory II

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Significant emphasis is placed on the characterization of organic molecules via nuclear magnetic resonance spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Concurrent enrollment in CHEM 212 required. 4-hour laboratory. Normally offered Spring/Summer II, days and evenings.

Term:

Offered Spring Term

2 CHEM electives (8 credits) of 200-level or higher course work, or which at least 1 credit is a lab

2013-2014 Archived Catalog Information

Chemistry and Biochemistry

The Department of Chemistry and Biochemistry offers two majors: Chemistry or Biochemistry leading to a BS or BA degree. Students may also elect a forensic science concentration within the biochemistry program. Since the recommended course of study for the freshman year is similar for all programs, decisions regarding specific curricular options can be postponed at least until the sophomore year. Students are urged to consult with their academic advisors as early as possible to discuss professional objectives and options.

Transfer students wishing to major in Chemistry or Biochemistry must successfully complete a minimum of 12 credits in the major at Suffolk University.

All departmental programs minimally require Math 165 and Math 166 (Calculus I and II). Math courses taken to meet prerequisites for Math 165 are counted as free electives. It is recommended that students who do not qualify to begin their math sequence at Suffolk University in Calculus begin the prerequisite sequence immediately in order to avoid unnecessary delays in completion of degree requirements (Note: Math 130 and Math 134 do not fulfill the departmental mathematics requirements).

All students electing a departmental major must complete a capstone course: either Research and Seminar or Forensic Science Practicum, depending on the degree program. The Department of Chemistry and Biochemistry offers a pathway for students to complete the capstone requirements and graduate with departmental honors. This pathway is distinct from the Suffolk University CAS Honors Program.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Chemistry Suggested Course Sequence](#)
- [Biochemistry Suggested Course Sequence](#)
- [Biochemistry/ Forensic Science Requirements](#)
- [Biochemistry/Forensic Science Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Chemistry Courses](#)

To be eligible for departmental honors, students must minimally have an overall GPA of 3.5 and a major GPA of 3.5 upon enrollment in the appropriate capstone course. In addition, students seeking departmental honors must submit an application to the departmental honors subcommittee for pre-approval early in the academic year in which students plan to complete the capstone research project; approved honors thesis work is then coupled to the capstone course requirements. Upon completion of the capstone course requirements, the departmental honors subcommittee, along with the faculty of the department, will determine whether the application and the final research project qualify for departmental honors.

For departmental honors, thesis work must be of outstanding quality and must involve original independent laboratory or field research and/or in-depth analysis. For example, students may complete a project in the lab or one that requires data analysis. Job shadowing, data collection/organization (without analysis), or research summaries will generally not be sufficient for consideration. It is recommended that students eligible and interested in the departmental honors pathway begin looking for and meeting with their capstone project advisor as early as possible and request the departmental honors application from the department chair.

2013-2014

2013-2014

2013-2014

2013-2014 Archived Catalog Information

Chemistry and Biochemistry

The Department of Chemistry and Biochemistry offers two majors: Chemistry or Biochemistry leading to a BS or BA degree. Students may also elect a forensic science concentration within the biochemistry program. Since the recommended course of study for the freshman year is similar for all programs, decisions regarding specific curricular options can be postponed at least until the sophomore year. Students are urged to consult with their academic advisors as early as possible to discuss professional objectives and options.

Transfer students wishing to major in Chemistry or Biochemistry must successfully complete a minimum of 12 credits in the major at Suffolk University.

All departmental programs minimally require Math 165 and Math 166 (Calculus I and II). Math courses taken to meet prerequisites for Math 165 are counted as free electives. It is recommended that students who do not qualify to begin their math sequence at Suffolk University in Calculus begin the prerequisite sequence immediately in order to avoid unnecessary delays in completion of degree requirements (Note: Math 130 and Math 134 do not fulfill the departmental mathematics requirements).

All students electing a departmental major must complete a capstone course: either Research and Seminar or Forensic Science Practicum, depending on the degree program. The Department of Chemistry and Biochemistry offers a pathway for students to complete the capstone requirements and graduate with departmental honors. This pathway is distinct from the Suffolk University CAS Honors Program.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Chemistry Suggested Course Sequence](#)
- [Biochemistry Suggested Course Sequence](#)
- [Biochemistry/ Forensic Science Requirements](#)
- [Biochemistry/Forensic Science Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Chemistry Courses](#)

Course descriptions may be updated periodically to reflect changes since the last published catalog

- **CHEM-101 Chemical Concepts Contemporary Issues I**

Credits:

3.00

Description:

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.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L101 Chemical Concepts Contemporary Issues Lab I

Prerequisites:

Must be taken concurrently with CHEM 101

Credits:

1.00

Description:

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.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• 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:

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.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• 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:

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.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

• 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:

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.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

• CHEM-105 Chemical New Product Development

Prerequisites:

MGT 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.

• CHEM-111 General Chemistry

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. Topics include introductions to atomic structure, stoichiometry, periodic table, gas laws, nature of chemical bonds, and thermochemistry. 3 lecture hours. Normally offered Fall/Summer I. This course is recommended for science and engineering majors or those considering careers in the health sciences. Students seeking to satisfy the core science requirement may wish to consider enrolling in CHEM 101/L101.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

• CHEM-L111 General Chemistry Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Exploration of basic principles of chemistry discovery through laboratory investigation, including recognition of the major reaction types, stoichiometry, and qualitative analysis. Additionally, students will be introduced to good laboratory practices and experimental techniques. 4-hour laboratory. Normally offered Fall/Summer I.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-112 General Chemistry

Prerequisites:

CHEM 111/L111; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

Continuation of the discussion of the fundamental principles of chemistry. Topics include introductions to solutions, kinetics, equilibrium, acid-base systems, thermodynamics and electrochemistry. Prerequisite: Satisfactory completion of CHEM 111 and CHEM L111. 3 hours of lecture 1 term - 3 credits. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry Lab

Prerequisites:

CHEM 112 must be taken concurrently; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3;

Credits:

1.00

Description:

Laboratory investigation in discovery format of topics from CHEM 112, including introduction to instrumental analysis and acid-base chemistry. Quantitative analysis, particularly volumetric analysis, is emphasized. 4-hour laboratory. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

• CHEM-211 Organic Chemistry I

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Topics include functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry. Significant emphasis placed on the use of the arrow formalism to indicate the location and movement of electrons; serves as a basic introduction to organic mechanisms. Prerequisite: CHEM 112, L112. Concurrent enrollment in CHEM L211 required unless L211 has been previously completed. Concurrent enrollment in CHEM L211 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall, days/Summer I, evenings.

Term:

Offered Fall Term

• CHEM-L211 Organic Chemistry Laboratory I

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Laboratory exercises providing an introduction to synthetic organic chemistry techniques, including melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Prerequisite: CHEM 112, L112. Concurrent enrollment in 211 required. 4-hour laboratory. 1 term - 1 credit. Normally offered Fall/Summer, days and evenings.

Term:

- **CHEM-212 Organic Chemistry II**

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I, includes detailed discussions of organic mechanisms of substitution, elimination, and addition reactions. Significant emphasis is placed on organic synthesis, structure determination, and spectroscopy. Prerequisite: CHEM 211, L211. Concurrent enrollment in CHEM L212 required. 3 hours lecture. 1 term - 3 credits. Normally offered Spring, days/Summer II, evenings.

Term:

Offered Spring Term

- **CHEM-L212 Organic Chemistry Laboratory II**

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Significant emphasis is placed on the characterization of organic molecules via nuclear magnetic resonance spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Concurrent enrollment in CHEM 212 required. 4-hour laboratory. Normally offered Spring/Summer II, days and evenings.

Term:

Offered Spring Term

- **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

• **CHEM-L314 Instrumental Analysis Lab**

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. Prerequisites: CHEM L112; CHEM 314 must be taken concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

• **CHEM-331 Biochemistry I**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L330 must be taken concurrently.

Credits:

3.00

Description:

This course explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme kinetics, membrane structure and signal-transduction pathways. Students will be introduced to the biochemical literature and computer-based bioinformatics techniques. Prerequisites: CHEM 212/L212 or permission of instructor. Concurrent enrollment in CHEM L331 required. 3 hours of lecture per week. Offered every Fall, days only.

Term:

Offered Fall Term

- **CHEM-L331 Biochemical Techniques I**

Prerequisites:

Must be taken concurrently with CHEM 331. Take CHEM-212 or permission of instructor.

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Topics include purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays. lab work will be written up in the style of a professional journal article. Offered every Fall, days only.

Term:

Offered Fall Term

- **CHEM-332 Biochemistry II**

Prerequisites:

CHEM 331

Credits:

4.00

Description:

This course explores the principles of bioenergetics and metabolism of biological compounds. Coverage includes intermediary metabolism of carbohydrates, lipids, amino acids, oxidative phosphorylation, and synthesis of purines and pyrimidines. Additional topics include the regulation and integration of metabolism. Lectures will be supplemented with discussions of the biochemical literature. Prerequisites: CHEM 331. 3 hours of lecture and 1 hour of recitation per week. Offered every Spring, days only.

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 212

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, organometallics, or materials chemistry. 3 hours lecture. Normally offered spring, even numbered years.

Term:

Alternates Fall & Spring

• 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. 4-hour laboratory. Normally offered spring, even 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.

Prerequisite: CHEM 212, concurrent enrollment in CHEM L390 required. 3 hours of lecture per week. Normally offered alternate years.

Term:

Alternates Fall & Spring

• CHEM-411 Physical Chemistry I

Prerequisites:

CHEM 112; MATH 165; PHYS 152

Credits:

3.00

Description:

Principles of thermodynamics and its general applications to physical and chemical change; introduction to the kinetic theory of gases and concepts of statistical mechanics. 3 hours lecture. 3 hour lecture. Normally offered Fall, days.

Term:

Offered Fall Term

- **CHEM-L411 Physical Chemistry Laboratory I**

Prerequisites:

CHEM 411 must be taken concurrently

Credits:

1.00

Description:

Laboratory exercises covering classical experiments in thermodynamic and instrumental measurements.

Significant 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. 4-hour laboratory. Normally offered Fall, days.

Term:

Offered Fall Term

- **CHEM-412 Physical Chemistry II**

Prerequisites:

CHEM 411

Credits:

3.00

Description:

Applications of thermodynamics to solutions, chemical equilibrium and electrochemistry; chemical kinetics will be covered. Quantum chemistry and the application of spectroscopy to molecular structure. 3 hours lecture. Normally offered Spring, days.

Term:

Offered Spring Term

- **CHEM-L412 Physical Chemistry Lab II**

Prerequisites:

CHEM L411; CHEM 412 must be taken concurrently.

Credits:

1.00

Description:

Laboratory exercises using spectroscopic techniques (optical and electrochemical) to explore kinetic and thermodynamic and quantum mechanical properties of chemical systems. 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. 4-hour laboratory. Normally offered Spring, days.

Term:

Offered Spring Term

- **CHEM-426 Transition Metal Chemistry**

Prerequisites:

CHEM 212

Credits:

3.00

Description:

Chemistry of transition metal complexes. Topics may include bonding theories, stereochemistry, preparation of complexes, complex ion stability, kinetics and mechanisms of reactions of complexes, and spectroscopy.

Prerequisites: CHEM 212. 3 hours lecture. 1 term - 3 credits. Normally offered yearly.

- **CHEM-L426 Transition Metal Chem Lab**

Prerequisites:

CHEM 426 must be taken concurrently

Credits:

1.00

Description:

Synthesis and properties of transition metal complexes. Properties investigated may include conductivity, magnetic moments, optical rotation, optical and NMR spectra, rate of reaction, and stability of complexes. Prior or concurrent enrollment in CHEM 426 required. 4-hour laboratory. 1 term - 1 credit. Normally offered yearly.

- **CHEM-427 Special Topics in Chemistry**

Prerequisites:

Instructors permission.

Credits:

1.00- 4.00

Description:

Advanced study of a special topic in chemistry, by arrangement with the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Normally offered Fall/Spring.

Term:

Offered Both Fall and Spring

• CHEM-428 Research & Seminar I

Prerequisites:

CHEM 212; CHEM L212; Instructor's Consent required

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation on their project for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit.

Prerequisites: CHEM 212 and CHEM L212 and by permission of the instructor. 1 terms - 1 to 4 credits. Normally offered every Fall.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• CHEM-429 Research & Seminar II

Prerequisites:

CHEM 212 and CHEM L212 and by permission of the instructor.

Credits:

1.00- 4.00

Description:

Independent study under the direct supervision of the chemistry faculty. Students are required to attend departmental seminars, write a professional research report, and give an oral presentation for review by the chemistry faculty. Depending on the project undertaken, students may obtain ECR credit. Prerequisites: CHEM 212 and CHEM L212 and permission of the instructor. 1 term - 1 to 4 credits. Normally offered every Spring.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

• CHEM-L432 Advanced Biochemistry Research Laboratory

Prerequisites:

CHEM-331; CHEM-L331

Credits:

3.00

Description:

Advanced biochemistry laboratory course where students learn experimental design, data analysis, and critical analysis of the scientific literature through the development of independent research projects. 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 will be written up in the style of a professional scientific journal article and presented as a poster. Students will attend scientific talks at local universities. Satisfies the Expanded Classroom Requirement (ECR). Offered in Spring, days only, every year or every other year.

Term:

Alternates Fall & Spring

Type:

Expanded Classroom Requirement

• CHEM-453 Introduction to Toxicology

Prerequisites:

Prerequisites: CHEM 212 and BIO 111

Credits:

4.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and selected topics. Topics will include forensic toxicology, environmental and occupational toxicology, pesticides, neurotoxicants, and carcinogenesis. CHEM 332 and BIO 403 strongly recommended. 3 hours of lecture and 1 hour of recitation per week. Normally offered every other year.

Term:

Occasional

- **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.

- **CHEM-511 Capstone Project**

Prerequisites:

CHEM-212 and CHEM-L212; junior standing and by permission of the instructor.

Credits:

1.00- 4.00

Description:

Advanced study of a special topic in chemistry, biochemistry, forensic science, or a related field under the direct supervision of the faculty. Students attend departmental seminars, write a professional research paper, and give a formal oral presentation on their project. If approved by the instructor, the student may conduct their independent study through an off-campus internship or practicum. In this case, the student will work under the supervision of both a Suffolk faculty member and a mentor at the off-campus facility. Participation at government crime or forensic laboratories will be open only to those students approved by the Forensic Science Committee. Depending on the project undertaken, a student may obtain ECR credit.

- **FS-303 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 Criminalistics 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-403 Trace Evidence

Prerequisites:

Prerequisite: FS 303 and FS L303 or instructor's permission

Credits:

3.00

Description:

This course covers the examination of trace materials, other than DNA sources, by visual microscopic analysis through advanced instrumental analysis. The collection, preservation, analysis, report preparation, and evidential significance for court testimony are described. Examples of common materials, such as textile fibers, paints and glass are used to describe the process of comparison and chemical identification of a known versus a questioned specimen(s) suspect of being associated with a crime scene. Instrumental demonstrations are provided.

Prerequisites: CHEM 314, CHEM L314, FS 303 and FS L303 or instructor's permission. 3-hour lecture. Normally offered in alternate years.

Term:

Alternates Fall & Spring

• FS-L403 Microscopy Lab for Trace Analysis

Prerequisites:

Chem 314 & L314; FS 303 & L303 or instructor's consent

Credits:

1.00

Description:

This class complements FS 403, Trace Evidence, and consists of lectures and laboratory exercises using microscopical analysis. An emphasis is placed on visual light microscope theory and usage. Stereoscopic and polarized light microscopes (PLMs) are located at individual student workstations. A comparison microscope is also available. Additionally, microscopes utilizing spectroscopic detection are studied and used. Infrared microscopy experiments are conducted on trace materials such as fibers, paint and glass. Prerequisites: CHEM 314, CHEM L314, FS 303 and L303 or instructor's permission. Student must be concurrently enrolled in FS 403. 3-hour laboratory. 1 term - 1 credit. Normally offered in alternate years.

Term:

Alternates Fall & 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 faculty. However, the Forensic Science faculty member teaching FS 436 must approve any outside practicum sponsor for this course, and if a suitable outside sponsor is not found, the student will fulfill this requirement through a forensic science project at Suffolk University. 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 Committee. Ten contact hours per week, or 140 hours total, a project plan, regular project reports, and a final written and oral report are required. Normally offered Fall/Spring/Summer. ECR approved.

Term:

Offered Both Fall and Spring

Type:

• 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 faculty. However, the Forensic Science faculty member teaching FS 436 must approve any outside practicum sponsor for this course, and if a suitable outside sponsor is not found, the student will fulfill this requirement through a forensic science project at Suffolk University. 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 Committee. Ten contact hours per week, or 140 hours total, a project plan, regular project reports, and a final written and oral report are required. Normally offered Fall/Spring/Summer. ECR approved.

Type:

Expanded Classroom Requirement

• FS-504 Basic Bloodstain Pattern Analysis

Prerequisites:

Permission of the Forensic Science Advisory Committee

Credits:

4.00

Description:

This weeklong course, divided between lectures and laboratory exercises, teaches the fundamental principles of the discipline through theory and practice. The laboratory exercises allow students the opportunity to experiment with how blood reacts under known conditions. This course will not make 'instant experts' of the students, but it does give a firm foundation on which they can build expert qualifications. Offered occasionally - Most recently offered Summer 2010.

Term:

Occasional

• FS-508 Physical Evidence Testimony

Prerequisites:

FS 303 and a signature from the Forensic Science Advising Committee.

Credits:

4.00

Description:

Provides forensic scientists with legal and practical information concerning courtroom testimony. Topics include: Rules of Evidence of significance to forensic experts; the requirement of scientific reliability as a prerequisite to testimony; ethical considerations; preparation and relationship with the attorney calling an expert; persuasive courtroom behaviors and strategies; basic Fourth Amendment issues for experts; civil liability for forensic experts. Classes include lectures, discussions and simulations and are held in a courtroom. Offered occasionally; most recently offered summer 2006.

Term:

Occasional

• SCI-123 Scientific Bases of Modern Problems

Prerequisites:

one semester of a laboratory science, Math requirement (MATH 130 or higher) and Comp Sci req

Credits:

4.00

Description:

A seminar course that explores modern personal, social, and political problems in the world today, such as: stem cell research, genetically modified foods, cloning, exploration of outer space, hurricanes, earthquakes, artificial intelligence, environmental pollution, energy resources, or any other topic that is of current concern and that has scientific/technological components. Course activity is based on class discussion and writing on selected current readings along with outside weekly projects, culminating in a term paper project and presentation. Intended to satisfy the science requirement for the BA degree. Prerequisite: one semester of a laboratory science, mathematics requirement, computer science requirement.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

2013-2014 Archived Catalog Information

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. The program is designed to attract students who wish to gain an understanding of the foundations of their major studies in disciplines such as English, history, humanities, modern languages, and philosophy. The classics minor also provides students with the option of studying an ancient language.

There is no major available in classics.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Classics Program Courses](#)

Requirements for the Classics Minor (5 courses, 20 credits)

Courses will be selected from the electives below. Students must take courses from at least two of the participating departments. 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.

Classes Offered

- **ENG-121 History and Literature of the Bible**

Credits:

4.00

Description:

Survey of the Old and New Testaments as collections of texts that have their origin in particular historical periods; exhibiting genres such as poetry, myth, history, biography and prophecy, as exhibited in the King James Version and other notable English translations. At the same time we will look at selected examples of how the Bible influenced the writers and permeated the works of English literature.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-123 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:

Humanities & History, Humanities Literature Requirement

- **ENG-315 Classical Drama**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Greek and Roman drama from its origins; characteristics of the theater; development of tragedy and comedy. Readings in Aeschylus, Sophocles, Euripides, Aristophanes, Plautus, Terrence, and Seneca. Normally offered every third year

Term:

Occasional

- **ENG-316 Fifth Century Athens**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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

- **ENG-317 Classical Mythology**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Ancient Greek and Roman myths, their motifs, themes and interpretations. Normally offered every third year.

- **HST-338 Ancient Greece & Ancient Israel**

Credits:

4.00

Description:

A survey of archaic thought from Greek myths of origin and Hebraic accounts of Genesis to Mosaic law and Aristotelian ethics. Major topics include: polytheism and monotheism, Homer's Troy, the pre-Socratic philosophers and early conceptions of the universe; the complexities of desire and identity in the song of Songs and Sappho's lyric poetry; God's covenant with Israel as depicted in Exodus, Samuel, and the Psalms; self-knowledge and justice in Greek tragedy. Note: This course is identical to ENG 411 and HUM 338.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-339 Pagan Reason to Christian Revelation**

Credits:

4.00

Description:

A survey of the monumental transformation from Pagan thought to Christian belief. Topics include the relation of the soul to the cosmos, the city of man and the city of god, hope, Eros and Agape, Stoicism and Pagan tragedy vs. Christian comedy. We will pay particular attention to the way Pagan images evolve into Christian symbols, as when Sibyl's wind-scattered leaves become, in Dante, the pages of the Bible bound by love. Major figures include: Plato, Aristotle, Augustine, Aquinas, Dante.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• ARH-305 Art of Greece and Rome

Credits:

4.00

Description:

An examination of the civic, religious, and domestic art and architecture of the Ancient Mediterranean cultures of Greece and Rome. Temples, forums, basilicas, city planning, sculpture, pottery, wall painting, mosaics, and engineering achievements will be examined in their cultural contexts.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• 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:

BA FOREIGN

- **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:

BA FOREIGN

- **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:

Humanities & History, Humanities Literature Requirement

- **PHIL-415 Aristotle: Profiles in Philosophy**

Prerequisites:

Prerequisite: PHIL 210 or consent of instructor.

Credits:

4.00

Description:

This course is an in-depth investigation into Aristotle's writings, teachings, and central doctrines. Readings include a range of Aristotle's work and treatises. Topics and texts may vary depending on the theme of exploration. Possible combinations of texts may include his works on Logic, Natural Philosophy, Metaphysics, Poetics, Politics or Ethics, among others. Students will be expected to critically examine textual readings. Classes will be conducted by means of lecture, class discussion, and primary text in translation. Prerequisite: PHIL 210 or consent of instructor. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

- **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.

- **ENG-490 Imperial Rome**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218 also counts as HIST 304

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 identical to HUM 304. Normally offered in alternate years.

Type:

Humanities & History

* ENG-318 requires prior approval in order to count towards the classics minor. Students should consult with the Instructor and the coordinator of the classics minor no later than the first week of classes.

2013-2014 Archived Catalog Information

Communication and Journalism

The department offers coursework leading to the Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Journalism degrees. A minor is also available. Students begin by taking courses establishing a firm general foundation in Communication and Journalism, including a strong focus on effective speaking, concise writing and critical thinking. They also take courses in their chosen concentration, gaining specific knowledge and experience in their field. Many students often take courses in other concentrations to round out their educational experience.

The department's facilities include a Media Lab, Computer Lab, Dark Room, Television Studio, Editing Rooms, and "Smart Classrooms." Students in media courses learn to use sophisticated digital cameras, lighting, sound equipment, and non-linear editing computers. Photography is taught from both traditional film and digital perspectives. Advertising, public relations, and journalism students work with state-of-the-art computer programs.

All communication and journalism concentrations blend theory and practice. Students develop an understanding of the theoretical frameworks upon which our "best practices" are built. Critical thinking and ethics are cultivated through classroom discussions and out-of-class experiences. Theories are investigated and questioned. Every concentration includes specific courses related to the field (e.g., Newswriting or Digital Video Production) plus broader courses in speaking, writing, and theory.

Undergraduate students are also offered the opportunity to earn credit for internships and other co-curricular activities. These students gain valuable practical experience in their chosen field, putting into practice what they have learned in the classroom.

In addition to internships, our students can choose to take part in several co-curricular media opportunities on campus. These activities can also be taken for credit. They include writing for our weekly student newspaper, The Suffolk Journal, producing our television programs, Temple Street, and Suffolk TV News for Boston Neighborhood Network, participating in WSUB and WSFR, our campus television and radio organizations, and competing for our nationally recognized speech team, the Walter M. Burse Forensic Society.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Honors](#)
- [Combined Bachelor's/Master's Degree](#)
- [Internships & Co-Curricular Activities](#)
- [Communication & Journalism Courses](#)

Students must complete the communication and journalism (CJN) core requirements and the requirements of a concentration in the Department of Communication and Journalism in one of the following areas: advertising, communication studies, film, media, broadcast journalism, print journalism, and public relations. All CJN majors require a minimum of 12 courses (48 credits) of CJN coursework.

In addition, all CJN students must also complete the general requirements for their chosen undergraduate degree:

- [Bachelor of Science](#)
- [Bachelor of Arts](#)
- [Bachelor of Science in Journalism](#) (available to students in the Journalism, Broadcast Journalism, Public Relations, Advertising, and Media concentrations)

All students majoring in communication and journalism must have their program of study approved by an advisor from the department each semester prior to registering for classes.

Department Core Requirements

All CJN majors must take the following core courses:

- **CJN-101 Introduction to Communication**

Prerequisites:

CJN Majors Only

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical art approaches to the study of communication. Students investigate the broad themes and foundational concepts which unify the discipline in order to understand the diverse fields, functions and purposes of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-405 Communication Theory**

Prerequisites:

Senior Standing;CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

2013-2014 Archived Catalog Information

Communication and Journalism

The department offers coursework leading to the Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Journalism degrees. A minor is also available. Students begin by taking courses establishing a firm general foundation in Communication and Journalism, including a strong focus on effective speaking, concise writing and critical thinking. They also take courses in their chosen concentration, gaining specific knowledge and experience in their field. Many students often take courses in other concentrations to round out their educational experience.

The department's facilities include a Media Lab, Computer Lab, Dark Room, Television Studio, Editing Rooms, and "Smart Classrooms." Students in media courses learn to use sophisticated digital cameras, lighting, sound equipment, and non-linear editing computers. Photography is taught from both traditional film and digital perspectives. Advertising, public relations, and journalism students work with state-of-the-art computer programs.

All communication and journalism concentrations blend theory and practice. Students develop an understanding of the theoretical frameworks upon which our "best practices" are built. Critical thinking and ethics are cultivated through classroom discussions and out-of-class experiences. Theories are investigated and questioned. Every concentration includes specific courses related to the field (e.g., Newswriting or Digital Video Production) plus broader courses in speaking, writing, and theory.

Undergraduate students are also offered the opportunity to earn credit for internships and other co-curricular activities. These students gain valuable practical experience in their chosen field, putting into practice what they have learned in the classroom.

In addition to internships, our students can choose to take part in several co-curricular media opportunities on campus. These activities can also be taken for credit. They include writing for our weekly student newspaper, The Suffolk Journal, producing our television programs, Temple Street, and Suffolk TV News for Boston Neighborhood Network, participating in WSUB and WSFR, our campus television and radio organizations, and competing for our nationally recognized speech team, the Walter M. Burse Forensic Society.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Honors](#)
- [Combined Bachelor's/Master's Degree](#)
- [Internships & Co-Curricular Activities](#)
- [Communication & Journalism Courses](#)

General Information

- All CJN major concentrations require 12 courses (48 credits) of coursework within the department.

- All CJN major concentrations consist of the CJN Department Core of three courses (12 credits) and at least seven courses (28 credits) within the specialized concentration.
- All freshman CJN majors must take CJN 101 Introduction to Communication and CJN 103 Presentation Skills during their first year.
- Transfer students must take CJN 101 Introduction to Communication and CJN 103 Presentation Skills during their first year or have equivalent transfer courses.
- CJN majors may not double-count concentration requirements toward fulfilling core requirements for the BSJ, BS and BA degrees.

Advertising Concentration

(12 courses; 48 credits)

CJN Core Requirements (3):

- **CJN-101 Introduction to Communication**

Prerequisites:

CJN Majors Only

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical art approaches to the study of communication. Students investigate the broad themes and foundational concepts which unify the discipline in order to understand the diverse fields, functions and purposes of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-405 Communication Theory**

Prerequisites:

Senior Standing;CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

Advertising Requirements (9):

- **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

- **CJN-257 Advertising**

Credits:

4.00

Description:

Theoretical and practical applications of communication are considered in terms of advertising strategies and campaigns for media.

Term:

Offered Both Fall and Spring

- **CJN-277 Public Relations**

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

- **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, the international, and ethnic communities.

Term:

Offered Both Fall and Spring

- **CJN-347 Media Planning**

Prerequisites:

CJN 257

Credits:

4.00

Description:

The planning and purchasing of advertising space and time. The course examines media costs, budgets, and media strategy for different audiences and markets. Normally offered yearly.

Term:

Offered Both Fall and Spring

- **CJN-359 Advertising Copy**

Prerequisites:

CJN 257

Credits:

4.00

Description:

Continuation of Advertising, with special emphasis on practical advertising and advertising campaigns. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **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. Normally offered yearly.

Term:

Offered Both Fall and Spring

- **CJN-503 Experiential Learning in Communication**

Prerequisites:

16 Hrs of CJN coursework or CJN Advisor consent

Credits:

1.00-12.00

Description:

Internships, practicum, and independent study experiences in Communication are available prior to the start of each semester. Normally offered every semester. ECR

Term:

Offered Both Fall and Spring

Type:

Select one of the following courses:

- **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:

Occasional

- **CJN-389 Social Media**

Prerequisites:

CJN-257;

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:

Occasional

Honors Course

- **CJN-457 Integrated Marketing Communication**

Prerequisites:

Take CJN 277, CJN 257

Credits:

4.00

Description:

Examines the integration of advertising, promotion, public relations and marketing communication in the strategic communication process.

Term:

Offered Both Fall and Spring

Public Relations Concentration

(12 courses; 48 credits)

CJN Core Requirements (3):

- **CJN-101 Introduction to Communication**

Prerequisites:

CJN Majors Only

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical art approaches to the study of communication. Students investigate the broad themes and foundational concepts which unify the discipline in order to understand the diverse fields, functions and purposes of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-405 Communication Theory**

Prerequisites:

Senior Standing;CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

Public Relations Requirements (9):

- **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 will also be introduced to feature news writing and be assigned to develop and write basic stories drawn from real-life situations.

Term:

Offered Both Fall and Spring

- **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

- **CJN-257 Advertising**

Credits:

4.00

Description:

Theoretical and practical applications of communication are considered in terms of advertising strategies and campaigns for media.

Term:

Offered Both Fall and Spring

- **CJN-277 Public Relations**

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

- **CJN-377 Public Relations II: Strategic Research and Writing for PR**

Prerequisites:

CJN-277;

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 277

Credits:

4.00

Description:

Examines how conferences are built, promoted, managed, and assessed, with particular emphasis on nonprofit conventions, trade shows, and volunteer organizations. Specific issues analyzed include facilities planning and contracts, legal issues, volunteer management, budgeting, marketing, and planner/staff communication.

Term:

Offered Both Fall and Spring

• **CJN-477 Public Relations II**

Prerequisites:

CJN 277, 377 AND Senior Standing.

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

Type:

Expanded Classroom Requirement

Select two of the following courses:

• **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, the international, and ethnic communities.

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 Spring Term

- **CJN-335 Persuasion**

Credits:

4.00

Description:

Analysis of persuasive techniques particularly those used by communicators in their attempt to gain public acceptance.

Term:

Occasional

- **CJN-355 Media Production**

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

Type:

Expanded Classroom Requirement

- **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. Normally offered yearly.

Type:

Social Science

- **CJN-387 Media Relations**

Credits:

4.00

Description:

Examines the relationships among the public and private sector organizations and the media. The course focuses on issues management, the role of public relations and the perspective of media professionals in the discussion of public issues. Normally offered alternate years.

- **CJN-389 Social Media**

Prerequisites:

CJN-257;

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:

Occasional

Communication Studies Concentration

(12 courses; 48 credits)

CJN Core Requirements (3):

- **CJN-101 Introduction to Communication**

Prerequisites:

CJN Majors Only

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical art approaches to the study of communication. Students investigate the broad themes and foundational concepts which unify the discipline in order to understand the diverse fields, functions and purposes of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-405 Communication Theory**

Prerequisites:

Senior Standing;CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

Communication Studies Requirements (9):

• **CJN-235 Argument & 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. Normally offered every semester.

Term:

Occasional

Or

• **CJN-275 Advanced Public Speaking**

Prerequisites:

CJN 103 or CJN 177

Credits:

4.00

Description:

Intensive training in public speaking techniques employing a variety of speaking situations.

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 the 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. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt B

- **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-335 Persuasion**

Credits:

4.00

Description:

Analysis of persuasive techniques particularly those used by communicators in their attempt to gain public acceptance.

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. Normally offered yearly.

Type:

Social Science

- **CJN-485 Rhetoric of Protest & 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. Normally offered yearly. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, BSBA SOCIAL CHANGE

Or

CJN 489 Political Communication

Select two other CJN courses, one of which must fulfill the ECR

Broadcast Journalism Concentration

(12 courses; 48 credits)

CJN Core Requirements (3):

- **CJN-101 Introduction to Communication**

Prerequisites:

CJN Majors Only

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical art approaches to the study of communication. Students investigate the broad themes and foundational concepts which unify the discipline in order to understand the diverse fields, functions and purposes of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-405 Communication Theory**

Prerequisites:

Senior Standing; CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

Broadcast Journalism Requirements (9):

Select one of the following courses:

- **CJN-483 Suffolk TV News**

Prerequisites:

Take CJN 253 CJN 355 and either 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

Type:

Expanded Classroom Requirement

- **CJN-490 Temple Street Project**

Prerequisites:

CJN-253. CJN-355

Credits:

4.00- 8.00

Description:

Students write, direct, crew, edit and serve as talent in producing the Department's magazine- format television program aired on Boston Cable Access. Normally offered every semester.

Select two of the following courses:

- **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 developed and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Social Science

- **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

Type:

Social Science

- **CJN-361 Television News Producing**

Prerequisites:

CJN 253 and CJN 355

Credits:

4.00

Description:

Students produce news segments, series, and/or specials leading to broadcast quality products. Emphasis will be on the pacing, timing, and flow of newscasts, as well as pre-production, teases (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-403 Issues in Journalism**

Prerequisites:

CJN-112

Credits:

4.00

Description:

Each time this course is offered it examines a different in Journalism, such as Social Justice Journalism, Electronic Journalism, Ethics, Political Journalism, and International Journalism. Normally offered yearly.

Term:

Offered Spring Term

- **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-480 Documentary Film Production**

Credits:

4.00

Description:

Students analyze contemporary documentaries and study documentary history and theory. Working in teams, students also produce, write, direct, crew, and edit documentary shorts.

Term:

Occasional

Print Journalism Concentration

(12 courses; 48 credits)

CJN Core Requirements (3):

- **CJN-101 Introduction to Communication**

Prerequisites:

CJN Majors Only

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical art approaches to the study of communication. Students investigate the broad themes and foundational concepts which unify the discipline in order to understand the diverse fields, functions and purposes of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-405 Communication Theory**

Prerequisites:

Senior Standing;CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

Print Journalism Requirements (9):

- **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 will also be introduced to feature news writing and be 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 of 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 American 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 media professionals. Special focus on defamation, copyright, obscenity, broadcast regulation and media-related tort law.

Term:

Offered Both Fall and Spring

- **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-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 Spring Term

- **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. Normally offered yearly.

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, practicum, and independent study experiences in Communication are available prior to the start of each semester. Normally offered every semester. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

Select two of the following courses:

- **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

Type:

Humanities & History

- **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-403 Issues in Journalism**

Prerequisites:

CJN-112

Credits:

4.00

Description:

Each time this course is offered it examines a different in Journalism, such as Social Justice Journalism, Electronic Journalism, Ethics, Political Journalism, and International Journalism. Normally offered yearly.

Term:

Offered Spring Term

- **CJN-415 Review Writing**

Credits:

4.00

Description:

Analysis and critique of movies, theater, music, art and food. Normally offered every semester.

Term:

Offered Fall Term

Film Concentration

(12 courses; 48 credits)

CJN Core Requirements (3):

- **CJN-101 Introduction to Communication**

Prerequisites:

CJN Majors Only

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical art approaches to the study of communication. Students investigate the broad themes and foundational concepts which unify the discipline in order to understand the diverse fields, functions and purposes of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-405 Communication Theory**

Prerequisites:

Senior Standing;CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

Film Courses (9):

- **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 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:

Offered Spring Term

Type:

Humanities & History

• **CJN-355 Media Production**

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

Type:

Expanded Classroom Requirement

• **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. As there is a different director each time, this course can be taken for credit more than once. (But will only count once towards the Major)

Term:

Occasional

Type:

Humanities & History

- **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-466 Seminar in Film**

Prerequisites:

Take CJN-288 CJN-291 and CJN-355;

Credits:

4.00

Description:

Course merges theoretical and practical film studies approaches. Students revisit concepts learned in previous classes and apply them to advanced film analysis. Analysis incl. (re)creation of important film scenes or concepts, such as Eisenstein's five types of montage. (Capstone course, prereq. 288, 291, 355)

Term:

Occasional

Select one of the following courses:

- **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

Type:

Humanities & History

- **CJN-465 Film and Society**

Credits:

4.00

Description:

The study of the relationship between film and society. The course features filmmakers who emphasize political, historical, racial, gender, and other important social issues. Normally offered yearly. Revised Description A study of how cinema reflects, and reflects on, the values of the society in which it is produced. The course features films and filmmakers who emphasize political and social issues dealing with race, gender, sexuality, and other important concerns.

Term:

Occasional

- **CJN-493 Special Topics in Film**

Credits:

4.00

Description:

Specialized courses in film theory, history, criticism and genre. Normally offered yearly.

Term:

Occasional

Select two of the following courses:

- **CJN-365 American Cinema**

Credits:

4.00

Description:

Trends in Hollywood and American independent cinema from 1970 onwards, including maverick directors, Hollywood blockbusters, and, when possible, class visits by New England-based filmmakers.

Term:

Occasional

- **CJN-290 Women in Struggle on Film**

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

Conducted in a seminar format, we examine the film texts of Wong Kar-wai, Andrew Lau/Alan Mak by focusing on issues such a colonization/decolonization, transnational political economy and global Hollywood, the Greater Chinese Dynasty, diaspora, and postmodern aesthetics.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **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

Type:

Social Science

• **CJN-381 Business of Media**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Explores how media in the 21st century are managed. Students learn contemporary trends in media regulation, ownership structures, programming strategies, audience measurement, and global business tactics. Students apply these concepts by running a media firm simulation. Normally offered yearly

Term:

Occasional

Media Concentration

(12 courses; 48 credits)

CJN Core Requirements (3):

• **CJN-101 Introduction to Communication**

Prerequisites:

CJN Majors Only

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical art approaches to the study of communication. Students investigate the broad themes and foundational concepts which unify the discipline in order to understand the diverse fields, functions and purposes of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

- **CJN-405 Communication Theory**

Prerequisites:

Senior Standing;CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

Media Courses (9):

- **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 developed and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Social Science

• **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

Type:

Social Science

• **CJN-355 Media Production**

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

Type:

- **CJN-381 Business of Media**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Explores how media in the 21st century are managed. Students learn contemporary trends in media regulation, ownership structures, programming strategies, audience measurement, and global business tactics. Students apply these concepts by running a media firm simulation. Normally offered yearly

Term:

Occasional

- **CJN-400 Media Effects & Audiences**

Prerequisites:

Prerequisite: CJN-255

Credits:

4.00

Description:

Explores the theoretical and practical research on major issues in the media from a social scientific perspective. Examines the effects that sexual and violent media content, stereotyping, political messages, communication technologies, advertising and marketing have on audiences. Students acquire quantitative method skills such as survey, experiment and content analysis. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

- **CJN-421 Media Seminar**

Prerequisites:

Take CJN-255;CJN Majors with Senior Standing

Credits:

4.00

Description:

Conducted in an interactive and intensive seminar format, students examine special media topics by leading class discussion and engaging in original research. Possible topics include, but a not limited to: women, gender and communication technologies; media and social movements; topics in cultural studies; media and democracy; media and community; and participatory media culture. Normally offered yearly.

Term:

Offered Spring Term

- **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

Select two of the following courses:

- **CJN-239 Media Law**

Credits:

4.00

Description:

Explores the legal rights, responsibilities, and constraints on the media, and media professionals. Special focus on defamation, copyright, obscenity, broadcast regulation and media-related tort law.

Term:

Offered Both Fall and Spring

- **CJN-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media upon contemporary society. Television, radio, film and print formats are discussed in terms of their persuasive impact on American mass culture. Focus is on the period 1950-1970.

Term:

Offered Fall Term

Type:

Social Science

- **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-290 Women in Struggle on Film**

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History

- **CJN-291 Film Studies: the Modern Era**

Credits:

4.00

Description:

Film history 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:

Offered Spring Term

Type:

Humanities & History

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

Conducted in a seminar format, we examine the film texts of Wong Kar-wai, Andrew Lau/Alan Mak by focusing on issues such a colonization/decolonization, transnational political economy and global Hollywood, the Greater Chinese Dynasty, diaspora, and postmodern aesthetics.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **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

Type:

Humanities & History

- **CJN-356 TV Studio Production**

Credits:

4.00

Description:

This course 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, PSA's, and a live variety/talk show.

Term:

Occasional

- **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:

This course will look at different family structures using communication concepts and theories as a focus to glance at family life. Communication issues will include the creation of meaning and identity through storytelling, rules and roles, conflict, power, intimacy, and then glance at challenges to the family unit. Students will need to understand their own family issues so that they can glance across the street to neighbors' differing viewpoints, so that we can broaden to begin to understand families from different cultures. We will accomplish this by examining both fictional and real families portrayed in television, movies, documentaries, as well as in fiction and non-fiction

writing. Final projects will be a paper and presentation about a specific family communication concept applied to a specific family unit.

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. As there is a different director each time, this course can be taken for credit more than once. (But will only count once towards the Major)

Term:

Occasional

Type:

Humanities & History

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

Credits:

4.00

Description:

Explores the development of global media and telecommunication corporations and technologies and the influence these transnational organizations and technologies bear on regional and nation-state communication policy, global and local culture, and the world economy. Cultural Diversity B ECR

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Expanded Classroom Requirement, BSBA SOCIAL CHANGE

- **CJN-390 Screenwriting**

Credits:

4.00

Description:

Students learn the basic principles of writing a short film for the screen by closely 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:

Offered Spring Term

• **CJN-465 Film and Society**

Credits:

4.00

Description:

The study of the relationship between film and society. The course features filmmakers who emphasize political, historical, racial, gender, and other important social issues. Normally offered yearly. Revised Description A study of how cinema reflects, and reflects on, the values of the society in which it is produced. The course features films and filmmakers who emphasize political and social issues dealing with race, gender, sexuality, and other important concerns.

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 also produce, write, direct, crew, and edit documentary shorts.

Term:

Occasional

• **CJN-481 Making the Short Film**

Credits:

4.00

Description:

This advanced class works together as a crew for the creation of a short narrative film shot in HD video. Under the direction of the professor students learn the process of making professional-quality work. Each student will be responsible for various crew positions during pre-production and the shooting of the film.

Term:

Occasional

- **CJN-483 Suffolk TV News**

Prerequisites:

Take CJN 253 CJN 355 and either 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

Type:

Expanded Classroom Requirement

- **CJN-490 Temple Street Project**

Prerequisites:

CJN-253. CJN-355

Credits:

4.00- 8.00

Description:

Students write, direct, crew, edit and serve as talent in producing the Department's magazine- format television program aired on Boston Cable Access. Normally offered every semester.

- **CJN-503 Experiential Learning in Communication**

Prerequisites:

16 Hrs of CJN coursework or CJN Advisor consent

Credits:

1.00-12.00

Description:

Internships, practicum, and independent study experiences in Communication are available prior to the start of each semester. Normally offered every semester. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

• 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

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 research topic. Prerequisites: Senior CJN majors with an overall cumulative GPA of 3.0, and a major GPA of 3.4. 1 term; 4 credits. Normally offered yearly.

Term:

Offered Spring Term

Specialization in Media Production

4 Courses; 16 Credits

*The specialization in media production is open only to CJN majors in the media and film concentrations. Additional prerequisite: CJN 355.

Production Strategies and Skills – Select two of the following courses:

• CJN-356 TV Studio Production

Credits:

4.00

Description:

This course 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, PSA's, and a live variety/talk show.

Term:

Occasional

- **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:

This course will look at different family structures using communication concepts and theories as a focus to glance at family life. Communication issues will include the creation of meaning and identity through storytelling, rules and roles, conflict, power, intimacy, and then glance at challenges to the family unit. Students will need to understand their own family issues so that they can glance across the street to neighbors' differing viewpoints, so that we can broaden to begin to understand families from different cultures. We will accomplish this by examining both fictional and real families portrayed in television, movies, documentaries, as well as in fiction and non-fiction writing. Final projects will be a paper and presentation about a specific family communication concept applied to a specific family unit.

Term:

Occasional

- **CJN-390 Screenwriting**

Credits:

4.00

Description:

Students learn the basic principles of writing a short film for the screen by closely 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:

Offered Spring Term

Production Practica – Select two of the following courses:

- **CJN-480 Documentary Film Production**

Credits:

4.00

Description:

Students analyze contemporary documentaries and study documentary history and theory. Working in teams, students also produce, write, direct, crew, and edit documentary shorts.

Term:

Occasional

- **CJN-481 Making the Short Film**

Credits:

4.00

Description:

This advanced class works together as a crew for the creation of a short narrative film shot in HD video. Under the direction of the professor students learn the process of making professional-quality work. Each student will be responsible for various crew positions during pre-production and the shooting of the film.

Term:

Occasional

- **CJN-483 Suffolk TV News**

Prerequisites:

Take CJN 253 CJN 355 and either 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

Type:

Expanded Classroom Requirement

• **CJN-490 Temple Street Project**

Prerequisites:

CJN-253. CJN-355

Credits:

4.00- 8.00

Description:

Students write, direct, crew, edit and serve as talent in producing the Department's magazine- format television program aired on Boston Cable Access. Normally offered every semester.

2013-2014 Archived Catalog Information

Communication and Journalism

The department offers coursework leading to the Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Journalism degrees. A minor is also available. Students begin by taking courses establishing a firm general foundation in Communication and Journalism, including a strong focus on effective speaking, concise writing and critical thinking. They also take courses in their chosen concentration, gaining specific knowledge and experience in their field. Many students often take courses in other concentrations to round out their educational experience.

The department's facilities include a Media Lab, Computer Lab, Dark Room, Television Studio, Editing Rooms, and "Smart Classrooms." Students in media courses learn to use sophisticated digital cameras, lighting, sound equipment, and non-linear editing computers. Photography is taught from both traditional film and digital perspectives. Advertising, public relations, and journalism students work with state-of-the-art computer programs.

All communication and journalism concentrations blend theory and practice. Students develop an understanding of the theoretical frameworks upon which our "best practices" are built. Critical thinking and ethics are cultivated through classroom discussions and out-of-class experiences. Theories are investigated and questioned. Every concentration includes specific courses related to the field (e.g., Newswriting or Digital Video Production) plus broader courses in speaking, writing, and theory.

Undergraduate students are also offered the opportunity to earn credit for internships and other co-curricular activities. These students gain valuable practical experience in their chosen field, putting into practice what they have learned in the classroom.

In addition to internships, our students can choose to take part in several co-curricular media opportunities on campus. These activities can also be taken for credit. They include writing for our weekly student newspaper, The Suffolk Journal, producing our television programs, Temple Street, and Suffolk TV News for Boston Neighborhood Network, participating in WSUB and WSFR, our campus television and radio organizations, and competing for our nationally recognized speech team, the Walter M. Burse Forensic Society.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Honors](#)
- [Combined Bachelor's/Master's Degree](#)
- [Internships & Co-Curricular Activities](#)
- [Communication & Journalism Courses](#)

Majors in the department who have completed 20 credits of CJN coursework, who have a CJN average of 3.4 or higher and who have an overall cumulative average of 3.0 or higher may enroll in CJN 506 Honors Seminar. Completion of Honors Seminar with a grade of "B+" or better entitles the student to departmental honors and membership in Lambda Pi Eta, the national communication honorary society. For further details contact the department chair.

2013-2014 Archived Catalog Information

Communication and Journalism

The department offers coursework leading to the Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Journalism degrees. A minor is also available. Students begin by taking courses establishing a firm general foundation in Communication and Journalism, including a strong focus on effective speaking, concise writing and critical thinking. They also take courses in their chosen concentration, gaining specific knowledge and experience in their field. Many students often take courses in other concentrations to round out their educational experience.

The department's facilities include a Media Lab, Computer Lab, Dark Room, Television Studio, Editing Rooms, and "Smart Classrooms." Students in media courses learn to use sophisticated digital cameras, lighting, sound equipment, and non-linear editing computers. Photography is taught from both traditional film and digital perspectives. Advertising, public relations, and journalism students work with state-of-the-art computer programs.

All communication and journalism concentrations blend theory and practice. Students develop an understanding of the theoretical frameworks upon which our "best practices" are built. Critical thinking and ethics are cultivated through classroom discussions and out-of-class experiences. Theories are investigated and questioned. Every concentration includes specific courses related to the field (e.g., Newswriting or Digital Video Production) plus broader courses in speaking, writing, and theory.

Undergraduate students are also offered the opportunity to earn credit for internships and other co-curricular activities. These students gain valuable practical experience in their chosen field, putting into practice what they have learned in the classroom.

In addition to internships, our students can choose to take part in several co-curricular media opportunities on campus. These activities can also be taken for credit. They include writing for our weekly student newspaper, The Suffolk Journal, producing our television programs, Temple Street, and Suffolk TV News for Boston Neighborhood Network, participating in WSUB and WSFR, our campus television and radio organizations, and competing for our nationally recognized speech team, the Walter M. Burse Forensic Society.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Honors](#)
- [Combined Bachelor's/Master's Degree](#)
- [Internships & Co-Curricular Activities](#)
- [Communication & Journalism Courses](#)

We offer an accelerated path for undergraduate Communication and Journalism (CJN) majors to obtain a master's degree in Communication. Students do not receive an undergraduate degree at the end of the second semester of their senior year; instead, they continue on as degree candidates in the CJN MA program.

Who is eligible

- CJN majors who are rising seniors with a GPA of 3.5 in their major and overall.
- Students must meet all of the requirements of one of the undergraduate degree programs (BS, BSJ, BA) in CJN. In addition, they must meet all of the requirements of one of the MA degree concentrations in CJN.

How it works

1. Eligible students will take two CJN graduate courses; one during the fall semester of their senior year and one during the spring semester. The specific courses will be determined by the CJN graduate program director.
2. Upon the successful completion of both courses with a grade of “B” or better* per course, students will be able to apply the two courses toward the requirements of the CJN graduate program.
3. Students must submit an application to the CJN graduate program. A grade of “B” or better in the two graduate-level courses taken during senior year will guarantee their acceptance. Note that applicants will have the GRE requirement waived.
4. Once they are admitted to the graduate program, students will be required to take ten additional 3-credit courses.
5. If a student decides to opt out or drop out of the CJN graduate program after successfully completing all of their undergraduate coursework and the two senior-year graduate courses they will receive the appropriate bachelor’s degree.
6. Upon successful completion of all of the requirements for both the bachelor’s and master’s degrees, a student will be conferred one joint degree.

*If a student earns a passing grade less than a “B” in one or both courses, the course credit will be applied to their undergraduate program, at the rate of 4 credits per course. The courses will not carry graduate credit, and the student will no longer be considered to be in the accelerated degree program. If the student wishes to apply for the CJN graduate program, s/he must follow the regular admission procedures.

2013-2014 Archived Catalog Information

Communication and Journalism

The department offers coursework leading to the Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Journalism degrees. A minor is also available. Students begin by taking courses establishing a firm general foundation in Communication and Journalism, including a strong focus on effective speaking, concise writing and critical thinking. They also take courses in their chosen concentration, gaining specific knowledge and experience in their field. Many students often take courses in other concentrations to round out their educational experience.

The department's facilities include a Media Lab, Computer Lab, Dark Room, Television Studio, Editing Rooms, and "Smart Classrooms." Students in media courses learn to use sophisticated digital cameras, lighting, sound equipment, and non-linear editing computers. Photography is taught from both traditional film and digital perspectives. Advertising, public relations, and journalism students work with state-of-the-art computer programs.

All communication and journalism concentrations blend theory and practice. Students develop an understanding of the theoretical frameworks upon which our "best practices" are built. Critical thinking and ethics are cultivated through classroom discussions and out-of-class experiences. Theories are investigated and questioned. Every concentration includes specific courses related to the field (e.g., Newswriting or Digital Video Production) plus broader courses in speaking, writing, and theory.

Undergraduate students are also offered the opportunity to earn credit for internships and other co-curricular activities. These students gain valuable practical experience in their chosen field, putting into practice what they have learned in the classroom.

In addition to internships, our students can choose to take part in several co-curricular media opportunities on campus. These activities can also be taken for credit. They include writing for our weekly student newspaper, The Suffolk Journal, producing our television programs, Temple Street, and Suffolk TV News for Boston Neighborhood Network, participating in WSUB and WSFR, our campus television and radio organizations, and competing for our nationally recognized speech team, the Walter M. Burse Forensic Society.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Honors](#)
- [Combined Bachelor's/Master's Degree](#)
- [Internships & Co-Curricular Activities](#)
- [Communication & Journalism Courses](#)

Internships and Practica enable qualified CJN majors and minors to gain practical experience within their concentrations. Students work in paid and unpaid positions while earning elective academic credits. These courses meet the ECR requirement of the College of Arts and Sciences.

[Click here](#) to view a PDF containing course information, FAQ, and the CJN 503/CJN 505 approval form.

2013-2014 Archived Catalog Information

Communication and Journalism

The department offers coursework leading to the Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Journalism degrees. A minor is also available. Students begin by taking courses establishing a firm general foundation in Communication and Journalism, including a strong focus on effective speaking, concise writing and critical thinking. They also take courses in their chosen concentration, gaining specific knowledge and experience in their field. Many students often take courses in other concentrations to round out their educational experience.

The department's facilities include a Media Lab, Computer Lab, Dark Room, Television Studio, Editing Rooms, and "Smart Classrooms." Students in media courses learn to use sophisticated digital cameras, lighting, sound equipment, and non-linear editing computers. Photography is taught from both traditional film and digital perspectives. Advertising, public relations, and journalism students work with state-of-the-art computer programs.

All communication and journalism concentrations blend theory and practice. Students develop an understanding of the theoretical frameworks upon which our "best practices" are built. Critical thinking and ethics are cultivated through classroom discussions and out-of-class experiences. Theories are investigated and questioned. Every concentration includes specific courses related to the field (e.g., Newswriting or Digital Video Production) plus broader courses in speaking, writing, and theory.

Undergraduate students are also offered the opportunity to earn credit for internships and other co-curricular activities. These students gain valuable practical experience in their chosen field, putting into practice what they have learned in the classroom.

In addition to internships, our students can choose to take part in several co-curricular media opportunities on campus. These activities can also be taken for credit. They include writing for our weekly student newspaper, The Suffolk Journal, producing our television programs, Temple Street, and Suffolk TV News for Boston Neighborhood Network, participating in WSUB and WSFR, our campus television and radio organizations, and competing for our nationally recognized speech team, the Walter M. Burse Forensic Society.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Honors](#)
- [Combined Bachelor's/Master's Degree](#)
- [Internships & Co-Curricular Activities](#)
- [Communication & Journalism Courses](#)

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- **CJN-101 Introduction to Communication**

Prerequisites:

Credits:

4.00

Description:

An introduction to the discipline addressing social science, humanities and practical art approaches to the study of communication. Students investigate the broad themes and foundational concepts which unify the discipline in order to understand the diverse fields, functions and purposes of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

• **CJN-103 Presentations Skills**

Credits:

4.00

Description:

The development, delivery of oral presentations. Students develop skills in oral and physical delivery, organization, persuasion, critical thinking and use of support media.

Term:

Offered Both Fall and Spring

• **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 will also be introduced to feature news writing and be 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:

Humanities & History

- **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. Required of all students in the Sawyer Business School.

Term:

Offered Both Fall and Spring

- **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. This course is required for all students in the Sawyer School of Business.

Term:

Offered Both Fall and Spring

- **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

Type:

Quantitative Reasoning

- **CJN-212 Journalism II**

Prerequisites:

CJN 112

Credits:

4.00

Description:

Modern reporting techniques are examined and applied to writing of 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 American and International Press over the last century.

Term:

Offered Both Fall and Spring

- **CJN-213 Feature Writing**

Credits:

4.00

- **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 the 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. Cultural Diversity B

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt B

- **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. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

• **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

Type:

Humanities & History

• **CJN-235 Argument & 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. Normally offered every semester.

Term:

Occasional

• **CJN-239 Media Law**

Credits:

4.00

Description:

Explores the legal rights, responsibilities, and constraints on the media, and media professionals. Special 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:

Occasional

Type:

Expanded Classroom Requirement

• **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

• **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 developed and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Social Science

• **CJN-257 Advertising**

Credits:

4.00

Description:

Theoretical and practical applications of communication are considered in terms of advertising strategies and campaigns for media.

Term:

Offered Both Fall and 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-275 Advanced Public Speaking**

Prerequisites:

CJN 103 or CJN 177

Credits:

4.00

Description:

Intensive training in public speaking techniques employing a variety of speaking situations.

Term:

Occasional

- **CJN-277 Public Relations**

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:

- **CJN-285 Media and Pop Culture I**

Credits:

4.00

Description:

Examines the influence of media upon contemporary society. Television, radio, film and print formats are discussed in terms of their persuasive impact on American mass culture. Focus is on the period 1950-1970.

Term:

Offered Fall Term

Type:

Social Science

- **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

Type:

Social Science

- **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-290 Women in Struggle on Film**

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History

- **CJN-291 Film Studies: the Modern Era**

Credits:

4.00

Description:

Film history 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:

Offered Spring Term

Type:

Humanities & History

- **CJN-293 Hong Kong Cinema**

Credits:

4.00

Description:

Conducted in a seminar format, we examine the film texts of Wong Kar-wai, Andrew Lau/Alan Mak by focusing on issues such a colonization/decolonization, transnational political economy and global Hollywood, the Greater Chinese Dynasty, diaspora, and postmodern aesthetics.

Term:

Occasional

Type:

Cultural Diversity Opt B

• **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, the international, and ethnic communities.

Term:

Offered Both Fall and Spring

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

Credits:

4.00

Description:

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

Term:

Occasional

Type:

Cultural Diversity Opt B

• **CJN-313 Advanced Reporting**

Prerequisites:

Take CJA-112 and CJA-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

• **CJA-317 Copy Editing**

Prerequisites:

CJA 112 or CJA 113

Credits:

4.00

Description:

A study of the fundamentals of copy editing, newspaper typography, and makeup.

Term:

Offered Spring Term

• **CJA-L318 Advanced Photojournalism**

Credits:

4.00

Description:

An in-depth analysis of the field of Photojournalism. Emphasis is placed on the development of photo essays and the visual impact of photography on the print media. Prerequisite: CJA 218. 1 term - 4 credits.

Term:

Offered Spring Term

• **CJA-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

Type:

Humanities & History

- **CJN-335 Persuasion**

Credits:

4.00

Description:

Analysis of persuasive techniques particularly those used by communicators in their attempt to gain public acceptance.

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. Normally offered yearly.

Term:

Occasional

- **CJN-347 Media Planning**

Prerequisites:

CJN 257

Credits:

4.00

Description:

The planning and purchasing of advertising space and time. The course examines media costs, budgets, and media strategy for different audiences and markets. Normally offered yearly.

Term:

Offered Both Fall and Spring

• **CJN-353 Broadcast Journalism II**

Prerequisites:

Take CJN-253 and CJN-355;

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 will also include gathering, organizing, and evaluation 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**

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

Type:

Expanded Classroom Requirement

- **CJN-356 TV Studio Production**

Credits:

4.00

Description:

This course 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, PSA's, and a live variety/talk show.

Term:

Occasional

- **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:

This course will look at different family structures using communication concepts and theories as a focus to glance at family life. Communication issues will include the creation of meaning and identity through storytelling, rules and roles, conflict, power, intimacy, and then glance at challenges to the family unit. Students will need to understand their own family issues so that they can glance across the street to neighbors' differing viewpoints, so that we can broaden to begin to understand families from different cultures. We will accomplish this by examining both fictional and real families portrayed in television, movies, documentaries, as well as in fiction and non-fiction writing. Final projects will be a paper and presentation about a specific family communication concept applied to a specific family unit.

Term:

Occasional

• CJN-359 Advertising Copy

Prerequisites:

CJN 257

Credits:

4.00

Description:

Continuation of Advertising, with special emphasis on practical advertising and advertising campaigns. Normally offered every semester.

Term:

Offered Both Fall and Spring

• CJN-361 Television News Producing

Prerequisites:

CJN 253 and CJN 355

Credits:

4.00

Description:

Students produce news segments, series, and/or specials leading to broadcast quality products. Emphasis will be on the pacing, timing, and flow of newscasts, as well as pre-production, teases (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-365 American Cinema**

Credits:

4.00

Description:

Trends in Hollywood and American 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. As there is a different director each time, this course can be taken for credit more than once. (But will only count once towards the Major)

Term:

Occasional

Type:

Humanities & History

- **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. Normally offered yearly.

Type:

Social Science

- **CJN-377 Public Relations II: Strategic Research and Writing for PR**

Prerequisites:

CJN-277;

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 277

Credits:

4.00

Description:

Examines how conferences are built, promoted, managed, and assessed, with particular emphasis on nonprofit conventions, trade shows, and volunteer organizations. Specific issues analyzed include facilities planning and contracts, legal issues, volunteer management, budgeting, marketing, and planner/staff communication.

Term:

Offered Both Fall and Spring

- **CJN-381 Business of Media**

Prerequisites:

CJN-255

Credits:

4.00

Description:

Explores how media in the 21st century are managed. Students learn contemporary trends in media regulation, ownership structures, programming strategies, audience measurement, and global business tactics. Students apply these concepts by running a media firm simulation. Normally offered yearly

Term:

Occasional

- **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:

Occasional

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

Credits:

4.00

Description:

Explores the development of global media and telecommunication corporations and technologies and the influence these transnational organizations and technologies bear on regional and nation-state communication policy, global and local culture, and the world economy. Cultural Diversity B ECR

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Expanded Classroom Requirement, BSBA SOCIAL CHANGE

- **CJN-387 Media Relations**

Credits:

4.00

Description:

Examines the relationships among the public and private sector organizations and the media. The course focuses on issues management, the role of public relations and the perspective of media professionals in the discussion of public issues. Normally offered alternate years.

- **CJN-389 Social Media**

Prerequisites:

CJN-257;

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:

Occasional

- **CJN-390 Screenwriting**

Credits:

4.00

Description:

Students learn the basic principles of writing a short film for the screen by closely 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:

Offered Spring Term

- **CJN-398 Special Topics: Photojournalism In Toscana**

Credits:

3.00

Description:

This course will be an in-depth analysis of the field of Photojournalism. Emphasis will be placed on development of photo essays and the visual impact of photography on the print media. Following the pattern created in my photography classes at the Dakar campus students will also create personal and group portfolios and will exhibit the work to the greater university community in Boston. Additionally each student will be required to produce a research paper and photo essay as a Power Point presentation on a subject approved by the instructor that will allow the student to examine in depth an aspect of historic or contemporary life in Italy. The history of photography and photojournalism will be discussed in order to give students a perspective on the field and to understand their own role in the journalistic process. The basic technical aspects of camera work and photo composition will be taught as well as the new advanced techniques used by photojournalists working with digital photography equipment and computers. Image capture, manipulation, captioning, electronic transmission and line quality printing for exhibit will be presented. The region of Tuscania and the facilities at the Lorenzo de Medici campus make for an ideal location for the class, Field trips to Rome to explore and photograph the city and the Old Forum and to Florence where a visit to the Museo Nazionale Alinari Della Fotografia is planned, along with local excursions to archaeological sites near Tarquinia where permission has already been granted to visit and photograph and the nationally protected nature reserves nearby, as well as the town of Tuscania itself will provide fertile visual opportunities for the aspiring photojournalism students. As always, Study Abroad Photojournalism classes serve as a vehicle for spreading goodwill in the host country, creating greater inter-cultural understanding, and offering students the opportunity to begin developing a mature world view.

Term:

Summer

• **CJN-400 Media Effects & Audiences**

Prerequisites:

Prerequisite: CJN-255

Credits:

4.00

Description:

Explores the theoretical and practical research on major issues in the media from a social scientific perspective. Examines the effects that sexual and violent media content, stereotyping, political messages, communication technologies, advertising and marketing have on audiences. Students acquire quantitative method skills such as survey, experiment and content analysis. Normally offered yearly.

Term:

Offered Fall Term

Type:

Social Science

• **CJN-403 Issues in Journalism**

Prerequisites:

CJN-112

Credits:

4.00

Description:

Each time this course is offered it examines a different in Journalism, such as Social Justice Journalism, Electronic Journalism, Ethics, Political Journalism, and International Journalism. Normally offered yearly.

Term:

Offered Spring Term

• **CJN-405 Communication Theory**

Prerequisites:

Senior Standing;CJN majors only

Credits:

4.00

Description:

Senior standing; CJN majors only. An interdisciplinary examination of the development of communication theories from the classical tradition to the modern perspectives of rhetoricians, scientist, psychologist, sociologists, philosophers and others. Normally offered every semester.

Term:

Offered Both Fall and Spring

• **CJN-415 Review Writing**

Credits:

4.00

Description:

Analysis and critique of movies, theater, music, art and food. Normally offered every semester.

Term:

Offered Fall Term

• **CJN-421 Media Seminar**

Prerequisites:

Take CJA-255;CJA Majors with Senior Standing

Credits:

4.00

Description:

Conducted in an interactive and intensive seminar format, students examine special media topics by leading class discussion and engaging in original research. Possible topics include, but a not limited to: women, gender and communication technologies; media and social movements; topics in cultural studies; media and democracy; media and community; and participatory media culture. Normally offered yearly.

Term:

Offered Spring Term

• **CJA-437 Ad Campaigns**

Prerequisites:

CJA 359, CJA 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. Normally offered yearly.

Term:

Offered Both Fall and Spring

• **CJA-440 Health Communication**

Prerequisites:

CJA-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-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:

Take CJN 277, CJN 257

Credits:

4.00

Description:

Examines the integration of advertising, promotion, public relations and marketing communication in the strategic communication process.

Term:

Offered Both Fall and Spring

- **CJN-465 Film and Society**

Credits:

4.00

Description:

The study of the relationship between film and society. The course features filmmakers who emphasize political, historical, racial, gender, and other important social issues. Normally offered yearly. Revised Description A study

of how cinema reflects, and reflects on, the values of the society in which it is produced. The course features films and filmmakers who emphasize political and social issues dealing with race, gender, sexuality, and other important concerns.

Term:

Occasional

- **CJN-466 Seminar in Film**

Prerequisites:

Take CJN-288 CJN-291 and CJN-355;

Credits:

4.00

Description:

Course merges theoretical and practical film studies approaches. Students revisit concepts learned in previous classes and apply them to advanced film analysis. Analysis incl. (re)creation of important film scenes or concepts, such as Eisenstein's five types of montage. (Capstone course, prereq. 288, 291, 355)

Term:

Occasional

- **CJN-467 Film Genres**

Credits:

4.00

Description:

Theories of genre as applied to a specific film genre, with a different genre each semester: i.e., screwball comedy, horror film, science fiction, the western the musical, film noir. This film may be taken for credit more than once.

Term:

Occasional

- **CJN-477 Public Relations II**

Prerequisites:

CJN 277, 377 AND Senior Standing.

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

Type:

Expanded Classroom Requirement

• **CJN-479 Environmental Public Relations**

Credits:

4.00

Description:

An examination of the public issues involving the environment. Focuses on public relations strategies for government agencies, corporations and other organizations concerned with the environment. Normally offered yearly.

Term:

Offered Spring Term

• **CJN-480 Documentary Film Production**

Credits:

4.00

Description:

Students analyze contemporary documentaries and study documentary history and theory. Working in teams, students also produce, write, direct, crew, and edit documentary shorts.

Term:

Occasional

• **CJN-481 Making the Short Film**

Credits:

4.00

Description:

This advanced class works together as a crew for the creation of a short narrative film shot in HD video. Under the direction of the professor students learn the process of making professional-quality work. Each student will be responsible for various crew positions during pre-production and the shooting of the film.

Term:

Occasional

• **CJN-483 Suffolk TV News**

Prerequisites:

Take CJN 253 CJN 355 and either 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

Type:

Expanded Classroom Requirement

• **CJN-485 Rhetoric of Protest & 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. Normally offered yearly. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, BSBA SOCIAL CHANGE

- **CJN-490 Temple Street Project**

Prerequisites:

CJN-253. CJN-355

Credits:

4.00- 8.00

Description:

Students write, direct, crew, edit and serve as talent in producing the Department's magazine- format television program aired on Boston Cable Access. Normally offered every semester.

- **CJN-491 Special Topics in Communications**

Credits:

4.00

Description:

Current issues in the field of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

- **CJN-492 Special Topics in Public Relations**

Credits:

4.00

Description:

Current issues in Public Relations. Normally offered yearly.

Term:

Offered Fall Term

- **CJN-493 Special Topics in Film**

Credits:

4.00

Description:

Specialized courses in film theory, history, criticism and genre. Normally offered yearly.

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-496 Special Topics in Media Production**

Credits:

4.00

Description:

Specialized courses in writing, editing, producing, directing, and other facets of media production. Normally offered yearly.

Term:

Occasional

- **CJN-497 Special Topics in Media**

Credits:

4.00

Description:

Specialized courses in media trends, history, theory, and criticism. Normally offered yearly.

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, practicum, and independent study experiences in Communication are available prior to the start of each semester. Normally offered every semester. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **CJN-505 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. Normally offered every semester. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **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

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 research topic. Prerequisites: Senior CJN majors with an overall cumulative GPA of 3.0, and a major GPA of 3.4. 1 term; 4 credits. Normally offered yearly.

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:

Internships, practicum, and independent study experiences in Communication are available prior to the start of each semester. Normally offered every semester. ECR

Term:

Offered Both Fall and Spring

2013-2014 Archived Catalog Information

Computer Science

The Department of Mathematics and Computer Science offers major and minor programs in computer science. The major program in computer science can prepare students for a wide variety of careers in science and industry, and serves as a firm foundation for graduate study in computer science. The minor program is intended to provide expanded career options for those who prefer to major in another discipline.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Computer Science Courses](#)

A student majoring in computer science must successfully complete 36 credits of coursework in computer science plus 20 credits of coursework in mathematics and science distributed as follows:

Computer Science (9 courses, 36 credits)

One 4-credit computer science elective course at or above the 300 level

- **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.

Type:

Quantitative Reasoning

- **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.

Type:

Quantitative Reasoning

• **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.

Type:

Quantitative Reasoning

• **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.

Type:

Quantitative Reasoning

• CMPSC-F353 Architecture of Computer Systems

Prerequisites:

CMPSC F253 and 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.

Type:

Quantitative Reasoning

• 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.

Type:

Quantitative Reasoning

• 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.

Type:

Quantitative Reasoning

• CMPSC-375 Introduction to Networks

Prerequisites:

CMPSC F331 & CMPSC 353

Credits:

4.00

Description:

This course explores the fundamentals of computer networks, protocols and layering, applications and their implications to everyday networking life.

Complementary Major Requirements

Mathematics (3 courses, 12 credits)

• MATH-165 Calculus I

Prerequisites:

Math Placement score or MATH 121 with a grade of C or better

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-166 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-166 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.

Science Elective, 8 Credits

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

2013-2014 Archived Catalog Information

Computer Science

The Department of Mathematics and Computer Science offers major and minor programs in computer science. The major program in computer science can prepare students for a wide variety of careers in science and industry, and serves as a firm foundation for graduate study in computer science. The minor program is intended to provide expanded career options for those who prefer to major in another discipline.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Computer Science Courses](#)

Suggested course sequence for the BS

Freshman Year (8 courses, 32 credits)

Seminar for Freshmen (4)

Freshman Writing (8)

Humanities/History (4)

Ethical and Philosophical Inquiry (4)

- MATH-165 Calculus I

Prerequisites:

Math Placement score or MATH 121 with a grade of C or better

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.

- **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.

Type:

Quantitative Reasoning

- **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.

Type:

Quantitative Reasoning

Sophomore Year (8 courses, 32 credits)

Literature (4)

Free elective (4)

Social science elective (4)

- **MATH-285 Discrete Mathematics**

Prerequisites:

MATH-166 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.

- **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.

Type:

Quantitative Reasoning

- **CMPSC-F265 Data Structures & Algorithms**

Prerequisites:

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.

Type:

Quantitative Reasoning

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

Junior Year (8 courses, 32 credits)

Humanities/History (4)

Free Electives (16)

- **MATH-255 Probability and Statistics**

Prerequisites:

MATH-166 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.

- **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.

Type:

Quantitative Reasoning

Senior Year (8 courses, 32 credits)

ECR (4)

Computer science elective (4)

Free Electives (16)

- **CMPSC-F353 Architecture of Computer Systems**

Prerequisites:

CMPSC F253 and 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.

Type:

Quantitative Reasoning

- **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.

Type:

Quantitative Reasoning

2013-2014 Archived Catalog Information

Computer Science

The Department of Mathematics and Computer Science offers major and minor programs in computer science. The major program in computer science can prepare students for a wide variety of careers in science and industry, and serves as a firm foundation for graduate study in computer science. The minor program is intended to provide expanded career options for those who prefer to major in another discipline.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Computer Science Courses](#)

To qualify for a minor in computer science, a student must successfully complete 20 credits of coursework in computer science, distributed as follows:

- **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.

Type:

Quantitative Reasoning

- **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.

Type:

Quantitative Reasoning

- **CMPSC-F253 Assembly Language and Computer Structure**

Prerequisites:

CMPSC F132

Credits:

4.00

Description:

Introduction to computer architecture and machine language programming, internal representation of data and programs, and assembly language programming. Machine and assembly language implementations of constructs from higher-level languages such as C (including recursion and floating-point arithmetic) are studied.

Type:

Quantitative Reasoning

- **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.

Type:

Quantitative Reasoning

- **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.

Type:

Quantitative Reasoning

2013-2014 Archived Catalog Information

Computer Science

The Department of Mathematics and Computer Science offers major and minor programs in computer science. The major program in computer science can prepare students for a wide variety of careers in science and industry, and serves as a firm foundation for graduate study in computer science. The minor program is intended to provide expanded career options for those who prefer to major in another discipline.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Computer Science Courses](#)

- **CMPSC-375 Introduction to Networks**

Prerequisites:

CMPSC F331 & CMPSC 353

Credits:

4.00

Description:

This course explores the fundamentals of computer networks, protocols and layering, applications and their implications to everyday networking life.

- **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 at least one CMPSC course numbered 200 or above. 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.

Type:

Expanded Classroom Requirement

- **CMPSC-510 Computer Science Independent Study**

Credits:

1.00- 4.00

Description:

Guided study on a topic at an advanced level.

Type:

Quantitative Reasoning

- **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.

Type:

Quantitative Reasoning

- **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 Reasoning

- **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 Reasoning

- **CMPSC-F125 Introduction to Multimedia Programming**

Credits:

4.00

Description:

This course provides an introduction to multimedia programming: developing programs that create and manipulate digital images and sound. Topics include creating negative and gray-scale images, reversing and splicing sounds, creating sound visualizations, and other related topics. The student will learn some of the concepts and techniques underlying software applications like Photoshop or SoundEdit as well as fundamental concepts underlying all of computing, such as algorithms, abstractions, and how computers represent numbers, text, images, and sound. There is no prerequisite for this course. It is recommended for students with little or no computer programming experience or who are not confident in their programming background. However, the student should be aware that hands-on programming is a central component of the course, embodied in frequent programming assignments.

Type:

Quantitative Reasoning

• **CMPSC-F128 Programming II for the World Wide Web**

Credits:

4.00

Description:

This course is a continuation of Programming for the World Wide Web. Students are taught how to turn their home PC or laptop into a web server by downloading and installing XAMPP, a free program that bundles the Apache server, the MySQL database, and the programming language PHP. After learning PHP and MySQL, students are taught AJAX, a technology that improves client-server communication, and jQuery, a library that enhances JavaScript. The course finishes with an introduction to Content Management Systems. As in Web I, there will be several lab exercises, homework assignments, and a final project. Upon completion of this course, students will have been exposed to topics needed to work in industry as web developers. Prerequisite: CMPSC F120.

Type:

Quantitative Reasoning

• **CMPSC-F130 Game Programming II**

Prerequisites:

CMPSC-F124;

Credits:

4.00

Description:

This course will be a continuation of CMPSC 124 and go more in-depth into coding and the designing of different types of games or applications. Using the Game Maker framework, students will challenge their creativity by

developing strategy, isometric, and platform scrolling games, among others. In this class, students will go beyond the drag and drop options of Game Maker and explore the possibilities within the Game Maker Language (GML), creating more complex games. We will make GUIs, program audio engines, and experience the rich learning process of taking a game from inspiration through implementation.

Type:

Quantitative Reasoning

- **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.

Type:

Quantitative Reasoning

- **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.

Type:

Quantitative Reasoning

- **CMPSC-F253 Assembly Language and Computer Structure**

Prerequisites:

CMPSC F132

Credits:

4.00

Description:

Introduction to computer architecture and machine language programming, internal representation of data and programs, and assembly language programming. Machine and assembly language implementations of constructs from higher-level languages such as C (including recursion and floating-point arithmetic) are studied.

Type:

Quantitative Reasoning

- **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.

Type:

Quantitative Reasoning

- **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.

Type:

Quantitative Reasoning

• CMPSC-F333 Organization of Programming Languages

Prerequisites:

CMPSC F253, F265

Credits:

4.00

Description:

An introduction to functional programming and to the meaning and implementation of various programming language features. The course begins with a brief introduction to the Scheme language, which is then used to write interpreters for small languages that contain features typical of larger, more realistic languages. Normally offered each spring semester.

Type:

Quantitative Reasoning

• CMPSC-F345 Software Engineering

Credits:

4.00

Description:

This course introduces the fundamental principles of software engineering. Requirement specification and life cycles are emphasized. Topics include requirements analysis and specification, analysis and design, architecture, implementation, testing and quality, configuration management. Professional ethics considerations will be explored and emphasized throughout the course. Prerequisite: CMPSC F265. 1 term - 4 credits. Normally offered each year.

Type:

- **CMPSC-F353 Architecture of Computer Systems**

Prerequisites:

CMPSC F253 and 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.

Type:

Quantitative Reasoning

- **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.

Type:

Quantitative Reasoning

- **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.

Type:

Quantitative Reasoning

- **CMPSC-F541 Advanced Databases**

Credits:

4.00

Description:

This course is an advanced continuation of Intro to Database Systems (CMPSC F363)

Type:

Quantitative Reasoning

- **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 for Intro to Computer Programming**

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.

2013-2014 Archived Catalog Information

Economics

The Department of Economics offers majors in economics and international economics (offered jointly with the Department of World Languages and Cultural Studies). The department also offers a minor in economics and a joint bachelor's and master's program in economics.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Joint Bachelor's/Master's Degree](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Economics Courses](#)

The department offers a BA and BS in economics.

General Major Requirements (10 courses, 40 credits)

- EC-101 Applied Microeconomics

Credits:

4.00

Description:

Introduction to the organization and operation of a market economy with a focus on how it allocates scarce resources; development of the economic way of thinking. The analysis of the theory of consumer demand and the profit-maximizing behavior of firms; examination of pricing and output decisions of firms under conditions of competition and imperfect competition in a global marketplace. Analysis of markets for labor and capital. Policy issues include price ceilings and floors, trade barriers, competition and monopoly. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- EC-102 Global Macroeconomics

Credits:

4.00

Description:

This course provides an analysis of relationships among variables such as inflation, employment, economic growth, national income, and the supply of money. Heavy emphasis is placed on the role of government in setting both fiscal and monetary policy goals to achieve a stable economy. Balance of trade and exchange rates are examined to help provide an understanding of the global economy. Required of all majors and minors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 130, MATH 134, MATH 146 OR MATH 165

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 Reasoning

- **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.

Type:

Social Science

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-490 Senior Seminar in Economics**

Prerequisites:

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.

Type:

BSJ SOCIAL SCIENCE, Social Science

Any three Economics courses, of which at least two are at the 300- or 400- level

Major in International Economics

The Department of Economics offers jointly, with the Department of World Languages and Cultural Studies, the BA and [BS in International Economics](#).

2013-2014 Archived Catalog Information

Economics

The Department of Economics offers majors in economics and international economics (offered jointly with the Department of World Languages and Cultural Studies). The department also offers a minor in economics and a joint bachelor's and master's program in economics.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Joint Bachelor's/Master's Degree](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Economics Courses](#)

This program provides an accelerated path for undergraduate economics majors to obtain a Master's degree in Economics. Students would be allowed to take up to two master-level courses in their senior year. For each of these graduate courses taken, the student's undergraduate total credit requirement will be reduced by four credits.

Undergraduate students at Suffolk University, majoring in Economics (BS or BA) or International Economics (BS or BA), can apply for this joint degree program. Applicants must have completed the first semester of their junior year at Suffolk University with an overall GPA of 3.0 or higher and a GPA of 3.3 or higher in at least three economics major courses taken at Suffolk. Application deadline is June 15th of the junior year. However, students may apply until November 1st of the senior year if they want to enroll for graduate courses in the second semester of their senior year.

Each student admitted to this joint degree program must meet all the requirements of one of the undergraduate degree programs (BS in Economics, BA in Economics, BS in International Economics, or BA in International Economics). In addition, the student must meet all the requirements of one of the master's degree programs (MSIE or MSE). Upon successful completion of all of the degree requirements, a student will be conferred one joint degree.

A student may permanently exit the joint degree program and opt to graduate with a bachelor's degree if all the requirements of a bachelor's degree are met, in which case each of the two graduate courses taken in the senior year would be counted as a four-credit course.

2013-2014 Archived Catalog Information

Economics

The Department of Economics offers majors in economics and international economics (offered jointly with the Department of World Languages and Cultural Studies). The department also offers a minor in economics and a joint bachelor's and master's program in economics.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Joint Bachelor's/Master's Degree](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Economics Courses](#)

Course requirements for the minor in economics are as follows:

Course requirements for the minor in economics are as follows:

Required Courses (6 courses, 24 credits)

- **EC-101 Applied Microeconomics**

Credits:

4.00

Description:

Introduction to the organization and operation of a market economy with a focus on how it allocates scarce resources; development of the economic way of thinking. The analysis of the theory of consumer demand and the profit-maximizing behavior of firms; examination of pricing and output decisions of firms under conditions of competition and imperfect competition in a global marketplace. Analysis of markets for labor and capital. Policy issues include price ceilings and floors, trade barriers, competition and monopoly. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-102 Global Macroeconomics**

Credits:

4.00

Description:

This course provides an analysis of relationships among variables such as inflation, employment, economic growth, national income, and the supply of money. Heavy emphasis is placed on the role of government in setting both fiscal and monetary policy goals to achieve a stable economy. Balance of trade and exchange rates are examined to help provide an understanding of the global economy. Required of all majors and minors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 130, MATH 134, MATH 146 OR MATH 165

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 Reasoning

Your choice of

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

Or

• **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

And any other two economics courses of which at least one is at the 300- or 400-level (STATS 350 can be substituted for one of the courses)

2013-2014 Archived Catalog Information

Economics

The Department of Economics offers majors in economics and international economics (offered jointly with the Department of World Languages and Cultural Studies). The department also offers a minor in economics and a joint bachelor's and master's program in economics.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Joint Bachelor's/Master's Degree](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Economics Courses](#)

Graduating majors in economics with at least a 3.5 average in their economics courses receive a certificate of honors in economics.

2013-2014 Archived Catalog Information

Economics

The Department of Economics offers majors in economics and international economics (offered jointly with the Department of World Languages and Cultural Studies). The department also offers a minor in economics and a joint bachelor's and master's program in economics.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Joint Bachelor's/Master's Degree](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Economics Courses](#)

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 better in at least four economics courses and who have maintained an overall grade point average of "B" or better. 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.

www.suffolk.edu/economics

2013-2014 Archived Catalog Information

Economics

The Department of Economics offers majors in economics and international economics (offered jointly with the Department of World Languages and Cultural Studies). The department also offers a minor in economics and a joint bachelor's and master's program in economics.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Joint Bachelor's/Master's Degree](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Economics Courses](#)

- **EC-101 Applied Microeconomics**

Credits:

4.00

Description:

Introduction to the organization and operation of a market economy with a focus on how it allocates scarce resources; development of the economic way of thinking. The analysis of the theory of consumer demand and the profit-maximizing behavior of firms; examination of pricing and output decisions of firms under conditions of competition and imperfect competition in a global marketplace. Analysis of markets for labor and capital. Policy issues include price ceilings and floors, trade barriers, competition and monopoly. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-H101 Honors Principles of Microeconomics**

Prerequisites:

Honors Section Only : GPA of 3.3 or higher required.

Credits:

4.00

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:

Social Science,BSJ SOCIAL SCIENCE

- **EC-102 Global Macroeconomics**

Credits:

4.00

Description:

This course provides an analysis of relationships among variables such as inflation, employment, economic growth, national income, and the supply of money. Heavy emphasis is placed on the role of government in setting both fiscal and monetary policy goals to achieve a stable economy. Balance of trade and exchange rates are examined to help provide an understanding of the global economy. Required of all majors and minors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-H102 Honors Principles of Macroeconomics**

Credits:

4.00

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:

Social Science,BSJ SOCIAL SCIENCE

- **EC-122 Poverty and Inequality**

Credits:

4.00

Description:

This course looks at economic inequality, with a particular focus on those in the United States who have low or no incomes - the poor. Measures inequality, identifies the poor, and considers a variety of explanations for poverty. Evaluates the purposes and effects of a range of public policies that might help alleviate poverty. Since race and gender play prominent roles in discussions of poverty, this course also considers issues pertaining to race and gender discrimination, and so examines the economics of both poverty and of discrimination. Cultural Diversity A.

Type:

Cultural Diversity Opt A,Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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:

Cultural Diversity Opt B,Social Science,Asian Studies,BSJ SOCIAL SCIENCE

- **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:

Cultural Diversity Opt B,Social Science,BSJ SOCIAL SCIENCE

• 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-331 History of Economic Thought

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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-340 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.

Type:

- **EC-402 Mathematical Economics**

Prerequisites:

EC 101, EC 102, and MATH 134, MATH 146, or MATH 161.

Credits:

4.00

Description:

This course introduces the mathematical basis of economic theory. Emphasis is placed on the mathematical tools that have been developed for various applications in microeconomic and macroeconomic analysis. The techniques of comparative-statics analysis are developed. Univariate and multivariate calculus are then presented in the context of unconstrained and constrained optimization. The course concludes by introducing the foundations of discrete-time and continuous-time dynamic optimization.

Type:

Social Science, BSJ SOCIAL SCIENCE

- **EC-421 Public Economics: Tax and Budget**

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.

Type:

Social Science, BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• EC-430 Int'l 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.

Type:

Social Science,Asian Studies,BSJ SOCIAL SCIENCE

• 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-450 Applied Econometrics**

Prerequisites:

Credits:

4.00

Description:

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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Quantitative Reasoning

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **EC-490 Senior Seminar in Economics**

Prerequisites:

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.

Type:

BSJ SOCIAL SCIENCE,Social Science

• **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **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.

Type:

Expanded Classroom Requirement

• **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

Type:

Social Science,BSJ SOCIAL SCIENCE

• **STATS-250 Applied Statistics**

Prerequisites:

MATH 130, MATH 134, MATH 146 OR MATH 165

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 Reasoning

- **STATS-H250 Honors Applied Statistic**

Prerequisites:

MATH 130, 134, 146, or 165; Honors Course; GPA of 3.2

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:

Quantitative Reasoning

- **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.

Type:

Social Science

2013-2014 Archived Catalog Information

Electrical Engineering

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Requirements for the BSE in Electrical Engineering](#)
- [Suggested Course Sequence](#)
- [Electrical Engineering Courses](#)

Requirements for the BSE in Electrical Engineering

Students must satisfy course requirements in two broad areas:

1. General Requirements of all engineering degrees (32 hours).
2. Departmental Requirements (97 hours). These are further broken down into three basic categories:
 - Computer Science Requirement (4 hours)
 - Math and Basic Science Requirements (32 hours)
 - Engineering Requirements (65 hours)

A listing of the required courses is provided below. Within the engineering requirements a specific framework exists which provides both structure and flexibility. As students progress into the junior and senior year, they select an area of specialization. Normally, in their senior year students select, with the help of the Senior Project Committee, a capstone project that requires the application of their theoretical and practical knowledge.

All electrical engineering courses are accompanied by a laboratory. The analysis and design features of the laboratory exercises help to bridge the theoretical and practical aspects of electrical engineering. A competent engineer should be proficient in both areas.

Within the engineering curriculum are two major course groups. The 'ECE xxx' courses (electrical and computer engineering) have as their primary focus the electrical engineering field. The 'ENS xxx' courses (engineering in science) involve general topics.

Upper-level courses in engineering depend heavily on foundation courses; therefore, a grade of "C" is required in all prerequisite courses in order to enroll in ECE required courses to maximize a student's chances of success in mastering the material.

Students are expected to take at least two elective courses in the EE field (either of ECE or ENS format).

The areas of specialization consist of a combination of foundation course(s) plus one or two electives. Advisors will help students map out a sequence starting in their third year of study. Possible areas of specialization are:

Digital Systems:

- 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-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;
Must take 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-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

Signal Processing:

- **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-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-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

The Senior Project showcases the talents of each student. Students are encouraged to explore their strengths and interests early in their education. The Senior Project is administered and/or supervised by an engineering faculty member in consultation with an outside panel. The course is most often done one-on-one with the project advisor, although it is possible for two students to work together; groups larger than two require special permission. Students are encouraged to seek interdisciplinary projects involving other sciences.

General Requirements (32 credits)

English and Literature

- **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-213, ENG-214, ENG-216, ENG-217 OR ENG-218

Ethics

PHIL-119, PHIL-123 OR PHIL-127

Humanities or History*

2 Humanities or History approved selections (8)

*This choice includes all the humanities and history courses currently listed in the Academic Catalog 2012-2013 under humanities and history divisional requirements for the BS plus any Cultural Diversity courses offered by departments that are grouped under the Humanities or History titles. In order to count toward the General Education requirement, at least one of the courses in humanities and history must consist of a Cultural Diversity course.

Social Sciences

- **EC-101 Applied Microeconomics**

Credits:

4.00

Description:

Introduction to the organization and operation of a market economy with a focus on how it allocates scarce resources; development of the economic way of thinking. The analysis of the theory of consumer demand and the profit-maximizing behavior of firms; examination of pricing and output decisions of firms under conditions of

competition and imperfect competition in a global marketplace. Analysis of markets for labor and capital. Policy issues include price ceilings and floors, trade barriers, competition and monopoly. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

Seminar for Freshmen

Choose one course.

Departmental Requirements for the BSE in Electrical Engineering Degree

Mathematics and Basic Science (32 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.

Type:

Quantitative Reasoning

OR

- **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:

AND

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **MATH-165 Calculus I**

Prerequisites:

Math Placement score or MATH 121 with a grade of C or better

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 165 with grade of C or better

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.

- **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

AND

- **CHEM-111 General Chemistry**

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. Topics include introductions to atomic structure, stoichiometry, periodic table, gas laws, nature of chemical bonds, and thermochemistry. 3 lecture hours. Normally offered Fall/Summer I. This course is recommended for science and engineering majors or those considering careers in the health sciences. Students seeking to satisfy the core science requirement may wish to consider enrolling in CHEM 101/L101.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

• **CHEM-L111 General Chemistry Lab**

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Exploration of basic principles of chemistry discovery through laboratory investigation, including recognition of the major reaction types, stoichiometry, and qualitative analysis. Additionally, students will be introduced to good laboratory practices and experimental techniques. 4-hour laboratory. Normally offered Fall/Summer I.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

OR

• **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. Fall Offering: Science Majors ONLY; Spring Offering: Biology Majors ONLY.

Term:

Offered Both Fall and Spring

- **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. Fall Offerings: Science Majors Only; Spring Offerings: Biology Majors Only.

Term:

Offered Both Fall and Spring

Engineering Topics (65 Credits)

ECE electives

- **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

- **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, proto-typing 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

- **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:

- **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

- **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

- **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, proto-typing 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

- **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 may be taken concurrently

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

- **ENS-L202 Technical Communication**

Prerequisites:

ENG-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

- **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-306 Solid State Devices and Circuits II**

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 & Circuits II 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-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-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-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-414 Senior Project Proposal

Prerequisites:

Take ECE-101, ECE-206, 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.

Type:

Expanded Classroom Requirement

- **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-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.

- **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.

2013-2014 Archived Catalog Information

Electrical Engineering

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Requirements for the BSE in Electrical Engineering](#)
- [Suggested Course Sequence](#)
- [Electrical Engineering Courses](#)

Freshman Year (32 Credits)

English I (4)
Calculus I, II (8)
University Physics I, with lab (4)
Introduction to Engineering Design, with lab (4)
Digital Electronics, with lab (4)
Circuit Theory I, with lab (4)
Seminar for Freshmen (4)

Sophomore (32 Credits)

English II, and ENG 213 or 214 or 215 or 216 or 217 or 218 (8)
Computer Science I or Programming for Engineers, with lab (4)
Calculus III (4)
Linear Systems, with lab (4)
Circuit Theory II, with lab (4)
Solid State Circuits and Devices I, with lab (4)
University Physics II, with lab (4)

Junior (32 Credits)

Engineering Statistics and Probability, with lab (4)
Humanities/History (4)
Economics (4)
Ethics Requirement (4)
Applied Electromagnetics, with lab (4)
Solid State Circuits and Devices II, with lab (4)
General Chemistry or Biology for Majors (4)
Scientific Communication (4)

Senior (33 Credits)

Humanities/History (4)
Communication Systems, with lab (4)

Digital Signal Processing, with lab (4)

Design and Design Tools (4)

Control Systems with Lab (4)

Engineering Senior Project (5)

Engineering Electives (ECE or ENS) (8)

2013-2014

2013-2014

2013-2014

2013-2014 Archived Catalog Information

Electrical Engineering

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Requirements for the BSE in Electrical Engineering](#)
- [Suggested Course Sequence](#)
- [Electrical Engineering Courses](#)
- **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 may be taken concurrently

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-306 Solid State Devices and Circuits II**

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 & Circuits II 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-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; Must take 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 Lab**

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. 1 term - 3 credits. 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-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

Type:

Expanded Classroom Requirement

• 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

Type:

Expanded Classroom Requirement

• ECE-413 Wireless Networks

Prerequisites:

Must be taken concurrently with ECE L413. ECE 225 with minimum grade of C. ECE 390 recommended.

Credits:

3.00

Description:

This course explores key topics in the field of wireless communications and networking including wireless technologies and architectures, wireless networks and protocols, and wireless LANs. Topics include antennas and propagation, signal encoding techniques, spread spectrum, error control techniques, satellite communications, cellular and cordless systems, wireless protocols, and wireless LAN technology. This course is intended for senior students who have had some prior exposure to data communications concepts.

• ECE-L413 Wireless Networks Lab

Prerequisites:

Must be taken concurrently with ECE 413.

Credits:

1.00

Description:

The Wireless Networks lab is designed to supplement the Wireless Networks course.

• ECE-414 Senior Project Proposal

Prerequisites:

Take ECE-101, ECE-206, 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.

Type:

Expanded Classroom Requirement

• 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.

• 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

• 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, proto-typing 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:

- **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:

ENG-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-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.

- **ENS-415 Senior Project**

Prerequisites:

Take ENS-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.

Type:

Expanded Classroom Requirement

- **ENS-425 Heat and Thermodynamics**

Prerequisites:

Credits:

4.00

Description:

Temperature, thermodynamic systems, heat and the First Law of Thermodynamics, ideal gases, heat engines, Second Law of Thermodynamics, reversibility, entropy, enthalpy. Also included are statistical mechanics, phase transitions, chemical equilibrium, Gibbs' theorem, Nernst equation and heterogeneous systems. Normally offered fall semester.

- **ENVE-101 Engineering Practice**

Credits:

1.00

Description:

This course introduces students to environmental engineering through a weekly lecture series given by professionals in the field of who will discuss their work and the different projects that they contributed to. There will also be field trips to points of interests such as waste water treatment plants and green buildings.

- **ENVE-104 Introduction to Environmental Engineering**

Credits:

4.00

Description:

This course is the basis course for environmental engineering and provides students with an overview of current and future environmental issues and concerns, practice in material and energy balance calculations, introduction to unit operations and treatment trains and their design, and ideas in sustainable design.

- **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-226 Organic Compounds in the Environment: Origin and Fate**

Prerequisites:

CHEM-112 OR PERMISSION OF INSTRUCTOR.

Credits:

4.00

Description:

This course examines the common families of organic compounds and their fate in the environment. Topics include organic nomenclature, characteristic chemistry of functional groups, the origin of anthropogenic organic compounds in the environment, and their ultimate fate. Processes studied include bioaccumulation, biomagnification, biodegradation, decomposition (including photochemical processes), air transport, groundwater transport, water transport, and accumulation and reaction in sediments.

- **ENVE-271 Air Quality and Air Pollution Control**

Prerequisites:

ENVE 104, MATH 166 AND PHYS 152

Credits:

4.00

Description:

The focus of this course is on relative source contribution, regulatory standards, known health effects, and measurement techniques for criteria pollutants and specific air toxics. An emphasis on regulatory control strategies and the design of engineering controls is provided. Engineering Elective.

- **ENVE-310 Special Topics in Environmental Engineering**

Prerequisites:

ENVE-104 ENVE-220 and Permission of Instructor

Credits:

2.00- 4.00

Description:

This course is a directed study course for undergraduates. Students may submit proposals to the Director of Environmental Engineering Program for a program of study or work on current research in the Environmental Engineering Program.

Type:

Expanded Classroom Requirement

- **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:

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-401 Environmental Engineering Measurements**

Prerequisites:

Take ENVE 104; Take ENVE-226, CHEM-355, OR CHEM-211; Take BIO-273, MATH-341, OR ECE-325;

Credits:

4.00

Description:

This course describes the theory of measurement techniques used in analyzing environmental quality parameters and provides a detailed experimental understanding of air, water, and soil instrumentation for pollution measurement. Topics include criteria pollutants, sources, sinks, chemistry, and health effects of each pollutant.

- **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-450 Environmental Engineering Project**

Prerequisites:

Course # formerly ENVE 411

Credits:

4.00

Description:

This course provides the senior engineering student with meaningful problem analysis and design experience. The project and its documentation must illustrate use of fundamental elements of the design process: establishment of objectives and criteria, synthesis, analysis, testing, and evaluation. The project report must address realistic constraints including economic factors, safety, aesthetics, ethics, and social impacts. A public oral presentation before faculty and peers is also required. (Course # formerly ENVE 411). ECR

- **ENVE-510 Environmental Engineering Independent Study**

Credits:

1.00- 6.00

Description:

This is an independent study in environmental engineering. Topics will vary.

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ

- **SCI-173 Geographic Information Science (GIS) 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-L173 GIS 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ

2013-2014 Archived Catalog Information

English

English is both a practical and a fulfilling major and minor. The program provides a broad, historical overview of American and British literature, looking closely at language and style, and the influence and reflection of cultural contexts.

The English major and minor build on and deepen the reading, writing, and thinking skills developed in the freshman writing and sophomore literature courses required of all CAS students.

Undergraduate studies in English provide strong preparation for graduate study in English, law, and business, for careers that depend on clear and effective writing, and for the life-long pleasures of reading and creative expression.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Creative Writing Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [English Courses](#)

First-Year English Requirements

Students with satisfactory entrance proficiency in English take ENG-101 and ENG-102, the standard Freshman English sequence. Those whose SAT verbal scores indicate exceptional proficiency are invited to take ENG-103 (Advanced Freshman English) and follow it with ENG-102. For students in ENG-103 who receive a grade of "A," "A-," "B+," or "B," a free elective will replace 102. All new students whose standardized test scores indicate a need for further development of verbal or writing skills will be placed into a developmental English course (ENG-095). Upon successful completion of this course, they will then matriculate into ENG-101 and will then follow the standard Freshman English sequence. Second-language students with serious writing problems may be required to enroll in additional developmental English courses before enrolling in ENG-101. Students may petition for further evaluation of their reading and writing proficiency before enrolling in ENG-095 by contacting the Second Language Services Office prior to the start of their first semester.

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

Writing Sample

During the first class period, all students in first-year English courses will be asked to provide a writing sample. Students with inadequate reading and writing proficiency will be asked either to attend writing workshops or to withdraw from the course in order to enroll in a remedial English course.

NOTE: ENG-102 is a prerequisite for all English courses above ENG-124. However, students who pass ENG-103 with a B or above are exempt from ENG-102 and may take all English courses above ENG-124.

Second-Year English Requirements

All CAS undergraduates must take one sophomore literature course. This requirement may be satisfied by enrolling in ENG-213 (English Literature I), ENG-214 (English Literature II), ENG-216 (World Literature), ENG-217 (American Literature I), or ENG-218 (American Literature II).

Note that all English majors must take TWO sophomore surveys: ENG-213 and ONE of ENG-214, ENG-217 or ENG-218. Each course offers an introduction to a significant body of literature in English with continued instruction in reading and writing skills.

English Major Requirements (9 courses, 36 credits)

Requirements for a major in English are satisfied by 36 credits of coursework in English (in addition to English 213, the sophomore CAS literature requirement). One course must be chosen from ENG-214, 217, and 218. Five courses must be chosen from the groups of English courses – one course per group – and lists of group courses are available in the English Department. A sixth course must be numbered 300 or above. Two English electives may be chosen from any English courses numbered above 104. The Seminar for Freshmen may satisfy one of the English electives at the discretion of the department. The English Honors Seminar may replace one of the five group courses if the student is invited to participate in the seminar. (Each Honors Seminar is relevant to a specific group.) Note that an English major must take ENG-213. An English major must earn the BA.

Transfer students with an English major must complete at least 12 credits of English courses at Suffolk beyond the sophomore literature requirement (ENG-213, ENG-214, ENG-217, ENG-218).

2013-2014 Archived Catalog Information

English

English is both a practical and a fulfilling major and minor. The program provides a broad, historical overview of American and British literature, looking closely at language and style, and the influence and reflection of cultural contexts.

The English major and minor build on and deepen the reading, writing, and thinking skills developed in the freshman writing and sophomore literature courses required of all CAS students.

Undergraduate studies in English provide strong preparation for graduate study in English, law, and business, for careers that depend on clear and effective writing, and for the life-long pleasures of reading and creative expression.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Creative Writing Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [English Courses](#)

Students who are majoring in English may elect to take a creative writing concentration within the English major. The student would then be required to take at least three creative writing workshops in addition to fulfilling the requirements of the English major. One of those creative writing workshops may simultaneously satisfy the major requirement in the “Genres” group or serve as an elective within the major.

The phrase “creative writing workshops” refers specifically to those prose and poetry workshops designed and implemented by the English department.

2013-2014 Archived Catalog Information

English

English is both a practical and a fulfilling major and minor. The program provides a broad, historical overview of American and British literature, looking closely at language and style, and the influence and reflection of cultural contexts.

The English major and minor build on and deepen the reading, writing, and thinking skills developed in the freshman writing and sophomore literature courses required of all CAS students.

Undergraduate studies in English provide strong preparation for graduate study in English, law, and business, for careers that depend on clear and effective writing, and for the life-long pleasures of reading and creative expression.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Creative Writing Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [English Courses](#)

English Minor (5 courses, 20 credits)

English-213 plus four English electives chosen from courses numbered 104 or above. At least three of these four electives must be at the upper-level (numbered 300 or above). English courses fulfilling the core humanities and literature requirements may double-count in the minor. With departmental approval, selected seminars for freshmen may also double-count in the minor. (In some circumstances, an upper-level course from Group 3 of the major Requirements – Literary History I (Medieval to Renaissance) – may be substituted for ENG-213.)

The Creative Writing Minor (5 courses, 20 credits)

This minor is intended for students who are not majoring in English.

Students who are majoring in disciplines other than English may elect to minor in creative writing. The minor in creative writing requires the student to take at least three creative writing workshops. The minor also requires that the student take one literature course from Group II Genres and Backgrounds and also one other upper-division (300-level or above) literature course.

The phrase “creative writing workshops” refers specifically to those prose and poetry workshops designed and implemented by the English department.

2013-2014 Archived Catalog Information

English

English is both a practical and a fulfilling major and minor. The program provides a broad, historical overview of American and British literature, looking closely at language and style, and the influence and reflection of cultural contexts.

The English major and minor build on and deepen the reading, writing, and thinking skills developed in the freshman writing and sophomore literature courses required of all CAS students.

Undergraduate studies in English provide strong preparation for graduate study in English, law, and business, for careers that depend on clear and effective writing, and for the life-long pleasures of reading and creative expression.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Creative Writing Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [English Courses](#)

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 3.5 GPA in English.
2. Honors students must complete Gateway (ENG-301) and 8 Honors credits in English, 4 credits of which are in addition to the major requirement of 36 credits. These 8 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 510 (normally in the spring semester of the senior year). Any student who completes 510 will receive credit for the course; for achievement of honors in English, projects completed in 510 must also be approved by the English department.
4. Honors students must complete their coursework in English with a GPA of 3.5.
5. In special circumstances (for example in the case of transfer students), exceptions to the requirements above will be considered.

History and Literature – Honors Major

This honors program provides interested and qualified students the opportunity to explore in-depth the relations between history and literature. The history and literature honors student must complete the requirements for a major in either

history or English and also complete the requirements for the minor in the other of the two departments.

Regardless of whether the student in history and literature chooses to major in history or English, he or she must complete the honors requirements as described in the history and literature program.

See the history and literature major program listing in this catalog.

Writing Center Scholars Program

English majors and English minors may apply to the Writing Center Scholars Program. Applicants must have a minimum GPA of 3.0 overall. Recipients of this \$4,000 scholarship join the staff at the Writing Center, tutoring 10 hours per week between September and May. Awards are renewable. Application packets are available in January in the English department.

2013-2014 Archived Catalog Information

English

English is both a practical and a fulfilling major and minor. The program provides a broad, historical overview of American and British literature, looking closely at language and style, and the influence and reflection of cultural contexts.

The English major and minor build on and deepen the reading, writing, and thinking skills developed in the freshman writing and sophomore literature courses required of all CAS students.

Undergraduate studies in English provide strong preparation for graduate study in English, law, and business, for careers that depend on clear and effective writing, and for the life-long pleasures of reading and creative expression.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Creative Writing Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [English Courses](#)

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 freshman and sophomore English requirements) 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.

2013-2014 Archived Catalog Information

English

English is both a practical and a fulfilling major and minor. The program provides a broad, historical overview of American and British literature, looking closely at language and style, and the influence and reflection of cultural contexts.

The English major and minor build on and deepen the reading, writing, and thinking skills developed in the freshman writing and sophomore literature courses required of all CAS students.

Undergraduate studies in English provide strong preparation for graduate study in English, law, and business, for careers that depend on clear and effective writing, and for the life-long pleasures of reading and creative expression.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Creative Writing Concentration](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [English Courses](#)

- **ENG-014 Preparing for College Writing**

Prerequisites:

Requirements: Internet access, Suffolk e-mail, Microsoft Internet Explorer, MSWord or compatible word processing program. Fluency in English.

Credits:

0.00

Description:

This course focuses on composing academic prose for the college classroom, especially Suffolk's Core (or required) curriculum courses. Sequenced assignments will help students sharpen their writing style through economy and effective form. The course will also review grammar, stylistics, sentence level errors, coordination/subordination, and editing.

- **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-103 Advanced Freshman English**

Prerequisites:

Invitation only.

Credits:

4.00

Description:

This course is by invitation only and reserved for incoming Suffolk students with high admission scores. Frequent writing assignments based on close reading of literary texts are assigned as well as a research paper. Offered fall semester.

Term:

Offered Fall Term

- **ENG-110 Boston's Literary Scenes**

Credits:

2.00

Description:

Discover literary Boston by exploring the physical settings of its most celebrated stories and poems through old photographs, maps, and early twentieth-century films, complemented by walking tours of the Suffolk University neighborhood and adjacent areas. A \$30 field trip fee applies for various visits throughout Boston. This course does not fulfill core requirements.

Term:

Occasional

• 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:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B

• 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:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

- **ENG-121 History and Literature of the Bible**

Credits:

4.00

Description:

Survey of the Old and New Testaments as collections of texts that have their origin in particular historical periods; exhibiting genres such as poetry, myth, history, biography and prophecy, as exhibited in the King James Version and other notable English translations. At the same time we will look at selected examples of how the Bible influenced the writers and permeated the works of English literature.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **ENG-123 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:

Humanities & History, Humanities Literature Requirement

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

Credits:

4.00

Description:

Literary masterpieces from the 17th century to the 20th, including Don Quixote (Spain), Faust (Germany), Madame Bovary (France), War and Peace (Russia), One Hundred Years of Solitude (Colombia), The Rouge of the North (China), The Secret Life of Saeed the Pessoptomist (Israel), and So Long a Letter (Senegal). List may vary at the discretion of the instructor. Normally offered yearly.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• ENG-213 English Literature I

Prerequisites:

ENG-103 with a grade of B or above or ENG-102.

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:

Humanities Literature Requirement

• ENG-214 English Literature II

Prerequisites:

ENG 103 with a grade of B or above or ENG-102.

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:

Humanities Literature Requirement

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

Prerequisites:

ENG-103 with a grade of B or above or ENG-102.

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:

Cultural Diversity Opt B, Humanities Literature Requirement

- **ENG-217 American Literature I**

Prerequisites:

ENG-102 OR ENG-103 with a grade of B or above

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:

Humanities Literature Requirement

- **ENG-218 American Literature II**

Prerequisites:

ENG-103 with a grade of B or above or ENG-102.

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:

Humanities Literature Requirement

- **ENG-H218 American Literature II**

Prerequisites:

ENG 102 OR 103. Minimum grade of B.

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.

- **ENG-301 Gateway Seminar for Majors**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218 fewer than 80 credits

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:

- **ENG-311 Medieval Literature Survey**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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-315 Classical Drama**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Greek and Roman drama from its origins; characteristics of the theater; development of tragedy and comedy. Readings in Aeschylus, Sophocles, Euripides, Aristophanes, Plautus, Terrence, and Seneca. Normally offered every third year

Term:

Occasional

• **ENG-316 Fifth Century Athens**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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

• **ENG-317 Classical Mythology**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Ancient Greek and Roman myths, their motifs, themes and interpretations. Normally offered every third year.

• **ENG-319 Renaissance Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Literature of the golden age of the Renaissance with a focus on love and sexuality and the politics of the courts of Henry VIII and Elizabeth I. Authors studied include Shakespeare, Marlowe, Sidney, and Spenser. 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-323 Chaucer**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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

Type:

Expanded Classroom Requirement

- **ENG-326 Shakespeare's Tragedies**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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-333 English Renaissance Drama**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The comedies and tragedies of major dramatists (excluding Shakespeare) of the Elizabethan and Jacobean eras. Marlowe, Jonson, Middleton, Webster. Normally offered alternate years.

Term:

Occasional

• **ENG-334 17th Century Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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-335 Milton**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Poetry and prose of England's greatest Renaissance poet. The centerpiece of the course is close reading of Paradise Lost. Normally offered alternate years.

Term:

Occasional

- **ENG-336 The Age of Enlightenment**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The great age of satire, essay, criticism, biography, and nature. Dryden, Pope, Swift, Addison, Steele, Boswell, Johnson, Gray, Thompson, and Gibbon. Normally offered alternate years.

Term:

Occasional

- **ENG-337 18th Century English Novel**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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-345 Victorian Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

3.00

Description:

The study of selected poets and prose writers. Some Victorian fiction. Normally offered alternate years

- **ENG-346 Dickens and George Eliot**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Close examination of several novels by two of England's major Victorian novelists. Normally offered alternate years.

Term:

Occasional

- **ENG-352 Global American Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Study of antebellum American and African American literature in the context of cosmopolitan modes of thought and revolutionary action. This course considers how writers balanced their interest in building a national culture with their concern for matters of race, gender, politics and civil rights that transcended their time and place.

Readings include nineteenth-century works by Longfellow, Irving, Emerson, Fuller, Whitman, Thoreau, Melville, and Douglass, as well as twentieth-century responses from Hemingway, Gandhi, King and Johnson.

Term:

Occasional

- **ENG-353 American Realism**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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-354 Hawthorne, Melville and Stowe**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An extended study of three major novels by Hawthorne, Melville and Stowe as prototypes of the Great American Novel: an elusive achievement that seeks to capture the essence of American experience. This course confronts issues of sin and redemption, ambition and failure, racial and national identity, and aesthetic and cultural value, and it assesses the imaginative influence of these foundational narratives in two contemporary rewritings by Mukherjee and Reed. 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:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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 Lit I**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

African-American writing from the beginning through the present. Normally offered alternate years. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- **ENG-359 Selected African-American Writers**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course focuses upon the literary contributions of a selected number of major African-American authors. Normally offered every other year.

Type:

Cultural Diversity Opt A

- **ENG-360 Mid-20th Century American Fiction 1950-1975**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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-361 Contemporary American Fiction**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The course will cover major works of American fiction from the period between the end of the American war in Vietnam and the present. The course will emphasize fiction reflecting America's cultural diversity and current trends in fiction.

Term:

Occasional

- **ENG-362 Asian American Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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:

Cultural Diversity Opt A, Asian Studies

- **ENG-364 Modern American Poetry**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An in-depth examination of American poetry written between 1900 and the Second World War, to include writers such as Robert Frost, Ezra Pound, Wallace Stevens, T.S. Elliot, William Carlos Williams, Gertrude Stein, Amy Lowell, Hilda Doolittle, Marianne Moore, Claude McKay, Langton Hughes, and Jean Toomer, among others. Normally offered alternate years.

Term:

Occasional

- **ENG-365 Contemporary American Poetry**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An in-depth examination of American poetry since 1950, to include writers such as Robert Lowell, Theodore Roethke, John Berryman, Sylvia Plath, Anne Sexton, William Stafford, Elizabeth Bishop, Lucille Clifton, Adrienne Rich, Philip Levine, Galway Kinnell, James Wright, Robert Bly, Charles Olson, Allen Ginsberg, Rita Dove, Robert Hass, and Yusef Komunyakaa, among others. Normally offered alternate years.

Term:

Occasional

- **ENG-366 Modern British Fiction**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

English 336 Restoration and 18th Century Literature: Poetry, prose, and drama from 1660 to 1800, including works by Aphra Behn, Dryden, Congreve, Lady Mary Wortley Montagu, Pope, Gay, Swift, and Johnson.

Term:

Occasional

• **ENG-367 American Fiction 1920-1950**

Prerequisites:

ENG 213, 214, 215, 216, 217 OR ENG 218

Credits:

4.00

Description:

A sampling of major American fiction from the Jazz Age, the Great Depression, and the years surrounding World War II. Possible authors include Gertrude Stein, Ernest Hemingway, Jean Toomer, F. Scott Fitzgerald, William Faulkner, Zora Neale Hurston, Nella Larsen, John Steinbeck, Richard Wright, and Mary McCarthy.

Term:

Occasional

• **ENG-368 Modern British Drama**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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 alternate years.

Term:

Alternates Fall & Spring

- **ENG-371 Creative Non-Fiction Workshop**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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 by such writers as Frank McCourt, Annie Dillard, Mark Doty, Nuala O'Faolain, and Henry Louis Gates, Jr. Normally offered alternate years.

Term:

Occasional

• **ENG-372 The Literary Journal**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An exploration of selected literary journals and their role in American letters. Through our study of the Pushcart prize anthology and past and current issues of journals such as Agni, Antaeus, Callaloo, Georgia Review, Paris Review, Poetry, and Zoetrope, we will examine the ways in which journals both respond to and shape literary culture. Students will write a research paper on an essayist, poet, or story writer that they discover during this course. Taught by the editor of a Boston-area literary journal.

Term:

Occasional

• **ENG-373 English Writers of the 1930S**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The social, political and cultural revolution in pre-World War II England as it is reflected in the poetry of Auden and Spender and the fiction of Huxley, Waugh, Isherwood, Bowen, Orwell, and Greene. Normally offered every third year.

Term:

Occasional

- **ENG-374 Drama Seminar**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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 alternate years.

Term:

Offered Both Fall and Spring

- **ENG-376 Contemporary British Fiction**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course explores the development of post-World War II British fiction from the 1950's to the present. The focus is on the consequences in literature and culture of the fall of Empire and the redefining of Englishness and on the tension between realism and postmodern literary experimentation.

Term:

Occasional

- **ENG-377 The World of Literature on Film**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Examination of film as an art form in the expression of literature. Several films to be viewed in class together with the relevant literary works. Normally offered every third year.

Term:

Occasional

- **ENG-379 Children's Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The history and artistry of those works intended for the child reader: picture books, poetry, fairy tales, fantasies, realistic novels and biography, the international heritage. This extensive range covers Mother Goose to the contemporary novel, reflected by the works of Jean George, Robert Cormier and Katherine Paterson. Normally offered alternate years. Cultural Diversity A Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B

- **ENG-380 Wharton and James**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A study of the work of two of America's greatest Realist writers, considering the achievement of each and their extraordinary friendship.

Term:

Occasional

- **ENG-382 Speculative Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The literature that raises philosophical concerns, often questioning the role of literature itself and the purpose of art. Representative writers are Lewis Carroll, Franz Kafka, Mikhail Bulgakov, John Gardner, Julian Barnes, Stanislaw Lem, Italo Calvino and A.S. Byatt. Normally offered alternate years.

Term:

Occasional

- **ENG-386 Classics of Mystery**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Classic stories of suspense and detection, including short stories and novels by Poe, Doyle, Chandler, Hammett, Christie, and others. Current examples also to be included. Normally offered alternate years.

Term:

Occasional

- **ENG-387 Writing Women**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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

Type:

Cultural Diversity Opt A

- **ENG-390 Writing Process and Revision**

Prerequisites:

ENG 102 or 103

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-391 Research and Writing**

Prerequisites:

Credits:

4.00

Description:

This course explores research and writing in the context of qualitative research, field work and bibliography. This course requires a lengthy report and project based on extended field work of at least 25 hours at an off-campus research site chosen by the student, approved by the instructor, and validated by a field site representative. This course fulfills the Expanded Classroom Requirement for CAS students. Normally offered alternate years.

Term:

Occasional

Type:

Expanded Classroom Requirement

• **ENG-392 Readings in Post-Colonial Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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

Type:

Cultural Diversity Opt B

• **ENG-393 History of English Language**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

This course provides a basic understanding of the historical development of the English language from its roots in the Indo-European family of languages to its status as the world language of today.

Term:

Occasional

- **ENG-394 Critical Prose**

Prerequisites:

ENG 102 or 103

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:

ENG 102 or 103

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

Type:

Cultural Diversity Opt B

- **ENG-396 Varieties of Workplace Writing**

Prerequisites:

ENG 102 Or ENG 103

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-399 Irish Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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-404 Central European Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

The culture of Central Europe as reflected in literature, theatre and film. English translations of Austrian, Czech, Hungarian and Polish authors whose poignant perspectives shaped the modern world.

Term:

Occasional

- **ENG-405 Russian Literature**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An introduction to the major works of Russian literature with an emphasis on cultural history. Translations of Pushkin, Lermontov, Turgenev, Gogol, Dostoyevsky, Tolstoy, Chekov, Akhmatova, Tsvetaeva, and others. Normally offered every third year.

Term:

Occasional

- **ENG-407 Literary Theory**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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-409 Literary Bloomsbury**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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. Cross-listed with History 336.

Term:

Occasional

• **ENG-411 Ancient Greece and Ancient Israel**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A survey of archaic thought from Greek myths of origin and Hebraic accounts of Genesis to Mosaic law and Aristotelian ethics. Major topics include: polytheism and monotheism, the Psalms, Homer's Troy, the complexity of desire and identity in the Hebrew Bible and in Sappho's poetry, biblical depictions of Jacob, Joseph, and David. Cross-listed with History 338.

Term:

Occasional

- **ENG-422 Special Topics in Group 2: Genre and Backgrounds**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 2 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-423 Special Topics in Group 3: Literary History I : Medieval to Renaissance**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 3 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:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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: the Shield of Achilles: War and Peace From Troy to Sarajevo**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 5 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-426 Special Topics :The Eclogues of Virgil**

Prerequisites:

Take ENG-213, ENG-214, ENG-215, ENG-216, ENG-217 or ENG-218;

Credits:

1.00

Description:

A study of these poems by the Roman poet with a focus on the issues of translation.

Term:

Occasional

- **ENG-427 The Georgics of Virgil**

Prerequisites:

Take ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

1.00

Description:

A study of these poems by the Roman poet with a focus on the issues of translation.

- **ENG-428 Virgil's Aeneid: First Three Books**

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-430 Literature of the Vietnam War and the Post 9/11 Wars**

Prerequisites:

Take ENG-213 ENG-214 ENG-215 ENG-216 ENG-217 or ENG-218;

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-431 Studies in Postmodern Fiction**

Prerequisites:

Credits:

4.00

Description:

This course introduces students to the innovations that have re-defined fiction following the modern period. Novelists will include significant writers (3 Nobel Laureates among them) of the 20th/21st century, including Borges, Kundera, Calvino, Saramago, Garcia Marquez, Vargas Llosa.

- **ENG-470 Fiction Workshop II**

Prerequisites:

ENG 370 or instructor's permission

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-475 Poetry Workshop II**

Prerequisites:

ENG 375 or instructor's permission

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-480 Fiction Writing Workshop III**

Prerequisites:

Take ENG-370

Credits:

4.00

Description:

An advanced course in fiction writing that focuses intensively on developing fiction through weekly group discussions of student writing. Particular attention will be devoted toward deepening and expanding the range of possibilities available to fiction writers.

- **ENG-481 Boston in History, Lit & Film**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An interdisciplinary examination of the history of Boston. Special focus will be on Boston in fiction, poetry, and film, as well as on the analysis of historical documents and accounts. This course is recommended for History and Literature Honors Majors. Jointly taught by professors from the History and English Departments. Normally offered every third year.

Term:

Occasional

- **ENG-485 Stay the Hand: Philosophical and Literary Readings on Law and Violence**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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' *Antigone*, Aeschylus' *Oresteia*, Plato's *Apology*, Shakespeare's *The Merchant of Venice*, Melville's *Billy Budd*, Toni Morrison's *Beloved*, among many others.

Term:

Occasional

- **ENG-490 Imperial Rome**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218 also counts as HIST 304

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 identical to HUM 304. Normally offered in alternate years.

Type:

Humanities & History

- **ENG-495 Poetry Writing Workshop III**

Prerequisites:

ENG-475;

Credits:

4.00

Description:

An advanced course in poetry writing that focuses intensively on developing work through weekly group discussions of student writing. Particular attention will be devoted toward deepening and expanding the range of possibilities available poets.

- **ENG-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, 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:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

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

Type:

Expanded Classroom Requirement

- **ENG-H521 Honors Seminar in Group 1: Approaches to English Studies**

Prerequisites:

ENG-213 ENG-214 ENG-215, 216, 217 OR 218 Admission by invitation only

Credits:

4.00

Description:

Honors seminar that fulfills Group I of the English major.

- **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.

- **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.

- **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.

- **FW-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.

- **FW-102 First Year Writing II**

Prerequisites:

FW 101.

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.

- **FW-103 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.

2013-2014 Archived Catalog Information

Environmental Science

Environmental science is an interdisciplinary program requiring 128 credit hours for completion of the Bachelor of Science. Students develop a broad background in biology, chemistry, and physics with emphasis on the science of environment and environmental ethics, policy, and regulation. In the senior year, a practicum is required to provide working knowledge of environmental issues and experience in solving environmental problems.

For study abroad opportunities, please see the director of the environmental science program.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Science Courses](#)

The Bachelor of Science in Environmental Science requires 128 credits of coursework, distributed as follows:

- **ENVS-111 Major's 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:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, 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. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **ENVS-L111 Majors' Environmental Sci 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 to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **ENVS-112 Major's Environmental Science II**

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environmental. Topics introduced in ENVS 111 will be further developed with a focus on how environmental conditions affect human, animal and ecological health. Areas to be considered 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 intended for environmental science and studies majors and minors. Normally offered in spring semester Pre-requisites: open to environmental science and environmental studies majors only, or by permission of the instructor. Must be taken concurrently with ENVS L112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **ENVS-L112 Majors' Environmental Science II Lab**

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered ENVS 112. Exercises will include analysis of environmental samples for such parameters as heavy metal contamination and evidence of sewage contamination, and analysis of air samples for criteria pollutants. Field trips are required. This course is required for Environmental studies majors and complements ENVS 112. 1 term: 1 credit hours Normally offered in spring semester Pre-requisite: enrollment in ENVS 112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **ENVS-436 Environmental Science Practicum**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Application for the principles and techniques of environmental science to a specific environmental problem in a faculty directed independent study. Typically, this experience will include literature research and field work in an off-campus environmental agency. 1 term- 4 credits Requires instructor's consent. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **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. Fall Offering: Science Majors ONLY; Spring Offering: Biology Majors ONLY.

Term:

Offered Both Fall and Spring

- **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. Fall Offerings: Science Majors Only; Spring Offerings: Biology Majors Only.

Term:

Offered Both Fall and Spring

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently. Science majors only.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip). Fall Offering: Biology Majors Only; Spring Offering: Science Majors. ECR credit is only earned during the Fall offering.

Term:

Offered Both Fall and Spring

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently Science majors only.

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology. Fall Offering: Biology Majors Only; Spring offering: Science Majors Only.

Term:

Offered Both Fall and Spring

- **CHEM-111 General Chemistry**

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. Topics include introductions to atomic structure, stoichiometry, periodic table, gas laws, nature of chemical bonds, and thermochemistry. 3 lecture hours. Normally offered Fall/Summer I. This course is recommended for science and engineering majors or those considering careers in the health sciences. Students seeking to satisfy the core science requirement may wish to consider enrolling in CHEM 101/L101.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **CHEM-L111 General Chemistry Lab**

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Exploration of basic principles of chemistry discovery through laboratory investigation, including recognition of the major reaction types, stoichiometry, and qualitative analysis. Additionally, students will be introduced to good laboratory practices and experimental techniques. 4-hour laboratory. Normally offered Fall/Summer I.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-112 General Chemistry

Prerequisites:

CHEM 111/L111;Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

Continuation of the discussion of the fundamental principles of chemistry. Topics include introductions to solutions, kinetics, equilibrium, acid-base systems, thermodynamics and electrochemistry. Prerequisite: Satisfactory completion of CHEM 111 and CHEM L111. 3 hours of lecture 1 term - 3 credits. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry Lab

Prerequisites:

CHEM 112 must be taken concurrently; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3;

Credits:

1.00

Description:

Laboratory investigation in discovery format of topics from CHEM 112, including introduction to instrumental analysis and acid-base chemistry. Quantitative analysis, particularly volumetric analysis, is emphasized. 4-hour laboratory. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

• **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Topics include functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry. Significant emphasis placed on the use of the arrow formalism to indicate the location and movement of electrons; serves as a basic introduction to organic mechanisms. Prerequisite: CHEM 112, L112 Concurrent enrollment in CHEM L211 required unless L211 has been previously completed. Concurrent enrollment in CHEM L211 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall, days/Summer I, evenings.

Term:

Offered Fall Term

• **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Laboratory exercises providing an introduction to synthetic organic chemistry techniques, including melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Prerequisite: CHEM 112, L112. Concurrent enrollment in 211 required. 4-hour laboratory. 1 term - 1 credit. Normally offered Fall/Summer, days and evenings.

Term:

Offered Fall Term

• CHEM-314 Instrumental Analysis

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

• CHEM-L314 Instrumental Analysis Lab

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. Prerequisites: CHEM L112; CHEM 314 must be taken concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

• 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

• PHIL-362 Environmental Ethics

Prerequisites:

Prerequisite: PHIL 119, or 123, or 127.

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

ENVS electives*

BIO electives**

PHYS-111/L111 OR PHYS-151/L151***

PHYS-112/L112 OR PHYS-152/L152

MATH 134 OR MATH 165 OR HIGHER

BIO-275 OR STATS-250

GVT-438 OR EC-151

* To be taken from SCI 173/L173; ENVE 325/L325; CHEM 453

** To be taken from BIO 222; BIO 254/L254; BIO 285/L285; BIO 333/L333; BIO 343/L343; BIO 357; BIO 359

*** 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.

2013-2014 Archived Catalog Information

Environmental Science

Environmental science is an interdisciplinary program requiring 128 credit hours for completion of the Bachelor of Science. Students develop a broad background in biology, chemistry, and physics with emphasis on the science of environment and environmental ethics, policy, and regulation. In the senior year, a practicum is required to provide working knowledge of environmental issues and experience in solving environmental problems.

For study abroad opportunities, please see the director of the environmental science program.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Science Courses](#)

Freshman year

Fall Semester (16 credits)

Seminar For Freshmen

- 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

- 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. Fall Offering: Science Majors ONLY; Spring Offering: Biology Majors ONLY.

Term:

Offered Both Fall and Spring

• **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. Fall Offerings: Science Majors Only; Spring Offerings: Biology Majors Only.

Term:

Offered Both Fall and Spring

• **ENVS-111 Major's 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:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation,

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. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **ENVS-L111 Majors' Environmental Sci 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 to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

Spring Semester (16 credits)

- **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

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

Prerequisites:

MATH 104, MATH 121 or appropriate math placement score.

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 Placement score or MATH 121 with a grade of C or better

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.

- **BIO-114 Organismal Biology**

Prerequisites:

Must take BIO L114 concurrently. Science majors only.

Credits:

3.00

Description:

Introduction to organismal biology emphasizing evolution, phylogenetics, form, and function. Only when offered in Fall participation in the annual October (Columbus Day Weekend) field trip to the Friedman Field Station is mandatory (a small fee is associated with this trip). Fall Offering: Biology Majors Only; Spring Offering: Science Majors. ECR credit is only earned during the Fall offering.

Term:

Offered Both Fall and Spring

- **BIO-L114 Organismal Biology Laboratory**

Prerequisites:

Must take BIO 114 concurrently Science majors only.

Credits:

1.00

Description:

A series of laboratory experiences in evolution, diversity, anatomy and physiology. Fall Offering: Biology Majors Only; Spring offering: Science Majors Only.

Term:

Offered Both Fall and Spring

- **ENVS-112 Major's Environmental Science II**

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environmental. Topics introduced in ENVS 111 will be further developed with a focus on how environmental conditions affect human, animal and ecological health. Areas to be considered 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 intended for environmental science and studies majors and minors. Normally offered in spring semester Pre-requisites: open to environmental science and environmental studies majors only, or by permission of the instructor. Must be taken concurrently with ENVS L112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **ENVS-L112 Majors' Environmental Science II Lab**

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered ENVS 112. Exercises will include analysis of environmental samples for such parameters as heavy metal contamination and evidence of sewage contamination, and analysis of air samples for criteria pollutants. Field trips are required. This course is required for Environmental studies majors and complements ENVS 112. 1 term: 1 credit hours Normally offered in spring semester Pre-requisite: enrollment in ENVS 112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

Sophomore Year

Fall Semester (16 credits)

Literature Requirement

History Elective

Biology Elective**

• **CHEM-111 General Chemistry**

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. Topics include introductions to atomic structure, stoichiometry, periodic table, gas laws, nature of chemical bonds, and thermochemistry. 3 lecture hours. Normally offered Fall/Summer I. This course is recommended for science and engineering majors or those considering careers in the health sciences. Students seeking to satisfy the core science requirement may wish to consider enrolling in CHEM 101/L101.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L111 General Chemistry Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Exploration of basic principles of chemistry discovery through laboratory investigation, including recognition of the major reaction types, stoichiometry, and qualitative analysis. Additionally, students will be introduced to good laboratory practices and experimental techniques. 4-hour laboratory. Normally offered Fall/Summer I.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

Spring Semester (16 credits)

PHIL Ethics Requirement

Social Science Elective

• PHYS-111 College Physics I

Prerequisites:

Take MATH-121 or MATH-134 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **CHEM-112 General Chemistry**

Prerequisites:

CHEM 111/L111;Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

Continuation of the discussion of the fundamental principles of chemistry. Topics include introductions to solutions, kinetics, equilibrium, acid-base systems, thermodynamics and electrochemistry. Prerequisite: Satisfactory completion of CHEM 111 and CHEM L111. 3 hours of lecture 1 term - 3 credits. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry Lab

Prerequisites:

CHEM 112 must be taken concurrently; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3;

Credits:

1.00

Description:

Laboratory investigation in discovery format of topics from CHEM 112, including introduction to instrumental analysis and acid-base chemistry. Quantitative analysis, particularly volumetric analysis, is emphasized. 4-hour laboratory. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

Junior Year

Fall Semester (16 credits)

Humanities Requirement

• PHYS-112 College Physics II

Prerequisites:

PHYS 111 and 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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Topics include functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and

stereochemistry. Significant emphasis placed on the use of the arrow formalism to indicate the location and movement of electrons; serves as a basic introduction to organic mechanisms. Prerequisite: CHEM 112, L112 Concurrent enrollment in CHEM L211 required unless L211 has been previously completed. Concurrent enrollment in CHEM L211 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall, days/Summer I, evenings.

Term:

Offered Fall Term

- **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Laboratory exercises providing an introduction to synthetic organic chemistry techniques, including melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Prerequisite: CHEM 112, L112. Concurrent enrollment in 211 required. 4-hour laboratory. 1 term - 1 credit. Normally offered Fall/Summer, days and evenings.

Term:

Offered Fall Term

- **BIO-274 Genetics**

Prerequisites:

BIO 111/L111, CHEM 111/L111, 'Must take 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

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 130, MATH 134, MATH 146 OR MATH 165

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 Reasoning

Spring Semester (16 credits)

Biology Elective**

Free elective

- **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-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

• **CHEM-L314 Instrumental Analysis Lab**

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. Prerequisites: CHEM L112; CHEM 314 must be taken concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

Senior Year

Fall Semester (16 credits)

Environmental Science Elective****

Biology Elective**

Free Elective

- **PHIL-362 Environmental Ethics**

Prerequisites:

Prerequisite: PHIL 119, or 123, or 127.

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

Spring Semester (16 credits)

Environmental Science Elective****

Free elective

Free elective

- **ENVS-436 Environmental Science Practicum**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Application for the principles and techniques of environmental science to a specific environmental problem in a faculty directed independent study. Typically, this experience will include literature research and field work in an off-campus environmental agency. 1 term- 4 credits Requires instructor's consent. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

*Students placing at MATH 165 are encouraged to take MATH 165. Students considering graduate school or other post-baccalaureate programs are also encouraged to take both MATH 165 and 166. ***Students who have taken MATH 165 are encouraged to take PHYS 151/L151 and PHYS 152/L152.

Biology Electives**• BIO-222 Field Botany****Prerequisites:**

BIO 111. 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 the Friedman Field Station. Travel will be by van(s) and hiking (up to ten miles a day) over difficult terrain. Sleeping bags and tents required. Additional fees: Camping and food est. \$475.00. ECR. The three-week camping excursion typically runs from late May (after tradition Spring course finals are over) into June. Taught alternate years.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

• BIO-254 Marine Biology**Prerequisites:**

BIO-114 and BIO-L114 or instructor's permission

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, law of the sea. Taught only at the R. S. Friedman Field Station Campus, Edmunds, ME. ECR. This course typically meets for three weeks from early to mid-August to early September (before typical Fall courses begin). Taught alternate years.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• BIO-L254 Marine Biology Lab

Prerequisites:

BIO-114 and BIO-L114 or instructor's permission Must Take BIO-254 Concurrently

Credits:

1.00

Description:

Field trips to local marine environments; field and laboratory observations of marine organisms. Independent student projects. Taught only at the R.S. Friedman Field Station Campus, Edmunds, ME. ECR

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• BIO-285 Microbiology

Prerequisites:

BIO-111 and BIO-L111,

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Fall Term

• **BIO-L285 Microbiology Laboratory**

Prerequisites:

Must take BIO-285 concurrently

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

• **BIO-333 Ecology**

Prerequisites:

BIO 114 and BIO L114; and BIO 222 or BIO 224 and BIO 224 or BIO 225 and L225 This course fulfills the Expanded Classroom Requirement

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.(note: some aspects of the course may differ depending on if it is a Boston or a FFS offering) ECR. Offered even years at both the Boston campus (Fall semester) and the R.S. Friedman Field Station Campus (FFS),Edmunds, ME (Early Fall offering for three weeks). There is a \$475 camping fee associated with the FFS BIO 333 offering.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• BIO-L333 Ecology Lab

Prerequisites:

BIO 114 & L114, BIO 222 or 224 or 225. Must take BIO 333 concurrently. Fulfills Expanded Classroom Requirement

Credits:

1.00

Description:

Field and laboratory experiences in techniques and concepts relevant to lecture materials; data collecting and report preparation. Group project with data collection, presentation and report preparation is required. (note some aspects of the lab may differ depending on whether it is a Boston or a FFS offering) ECR

Term:

Offered Fall Term

• BIO-343 Biodiversity & Conservation Biology

Prerequisites:

BIO 114, L114; BIO L343 MUST BE TAKEN CONCURRENTLY

Credits:

3.00

Description:

The origin, measurement, and extent of biological diversity on Earth, its practical and theoretical importance, and current trends in extinction due to human activities. Anthropogenic influences on individuals, populations, and ecosystems will be considered, as well as strategies for biological conservation on a changing planet.

Term:

Offered Fall Term

• BIO-L343 Biodiversity & Conservation Biology Laboratory

Prerequisites:

BIO-114 and BIO-L114; and must take BIO-343 concurrently

Credits:

1.00

Description:

Laboratory exercises dealing with the calculation, of Biodiversity in the environment, as well as with the effects of contaminants on individuals, populations, and model ecosystems. The fates of contaminants in such systems will be explored, as well as the possibility of remediation of adverse effects.

Term:

Offered Fall Term

- **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

Environmental Science Electives

- **SCI-173 Geographic Information Science (GIS) 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-L173 GIS 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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.

- **CHEM-453 Introduction to Toxicology**

Prerequisites:

Prerequisites: CHEM 212 and BIO 111

Credits:

4.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and selected topics. Topics will include forensic toxicology, environmental and occupational toxicology, pesticides, neurotoxicants, and carcinogenesis. CHEM 332 and BIO 403 strongly recommended. 3 hours of lecture and 1 hour of recitation per week. Normally offered every other year.

Term:

Occasional

- **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.

2013-2014 Archived Catalog Information

Environmental Science

Environmental science is an interdisciplinary program requiring 128 credit hours for completion of the Bachelor of Science. Students develop a broad background in biology, chemistry, and physics with emphasis on the science of environment and environmental ethics, policy, and regulation. In the senior year, a practicum is required to provide working knowledge of environmental issues and experience in solving environmental problems.

For study abroad opportunities, please see the director of the environmental science program.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Science Courses](#)

A minor in environmental science is available and consists of 5 courses (20 credits)

Students who minor in environmental science must complete the following courses:

- **ENVS-111 Major's 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:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, 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. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **ENVS-L111 Majors' Environmental Sci 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 to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **ENVS-112 Major's Environmental Science II**

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environmental. Topics introduced in ENVS 111 will be further developed with a focus on how environmental conditions affect human, animal and ecological health. Areas to be considered 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 intended for environmental science and studies majors and minors. Normally offered in spring semester Pre-requisites: open to environmental science and environmental studies majors only, or by permission of the instructor. Must be taken concurrently with ENVS L112

Term:

Offered Spring Term

Type:

- **ENVS-L112 Majors' Environmental Science II Lab**

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered ENVS 112. Exercises will include analysis of environmental samples for such parameters as heavy metal contamination and evidence of sewage contamination, and analysis of air samples for criteria pollutants. Field trips are required. This course is required for Environmental studies majors and complements ENVS 112. 1 term: 1 credit hours Normally offered in spring semester Pre-requisite: enrollment in ENVS 112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **PHIL-362 Environmental Ethics**

Prerequisites:

Prerequisite: PHIL 119, or 123, or 127.

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

Two courses selected from the following:

- **SCI-173 Geographic Information Science (GIS) 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-L173 GIS 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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.

- **CHEM-453 Introduction to Toxicology**

Prerequisites:

Prerequisites: CHEM 212 and BIO 111

Credits:

4.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and selected topics. Topics will include forensic toxicology, environmental and occupational toxicology, pesticides, neurotoxicants, and carcinogenesis. CHEM 332 and BIO 403 strongly recommended. 3 hours of lecture and 1 hour of recitation per week. Normally offered every other year.

Term:

Occasional

- **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

• BIO-222 Field Botany

Prerequisites:

BIO 111. 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 the Friedman Field Station. Travel will be by van(s) and hiking (up to ten

miles a day) over difficult terrain. Sleeping bags and tents required. Additional fees: Camping and food est. \$475.00. ECR. The three-week camping excursion typically runs from late May (after tradition Spring course finals are over) into June. Taught alternate years.

Term:

Offered Spring Term

Type:

Expanded Classroom Requirement

• BIO-254 Marine Biology

Prerequisites:

BIO-114 and BIO-L114 or instructor's permission

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, law of the sea. Taught only at the R. S. Friedman Field Station Campus, Edmunds, ME. ECR. This course typically meets for three weeks from early to mid-August to early September (before typical Fall courses begin). Taught alternate years.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• BIO-L254 Marine Biology Lab

Prerequisites:

BIO-114 and BIO-L114 or instructor's permission Must Take BIO-254 Concurrently

Credits:

1.00

Description:

Field trips to local marine environments; field and laboratory observations of marine organisms. Independent student projects. Taught only at the R.S. Friedman Field Station Campus, Edmunds, ME. ECR

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111,

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Fall Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

Must take BIO-285 concurrently

Credits:

1.00

Description:

Introduction to microbiological techniques and their applications to health, research and industry.

Term:

Offered Fall Term

- **BIO-333 Ecology**

Prerequisites:

BIO 114 and BIO L114; and BIO 222 or BIO 224 and BIO 224 or BIO 225 and L225 This course fulfills the Expanded Classroom Requirement

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.(note: some aspects of the course may differ depending on if it is a Boston or a FFS offering) ECR. Offered even years at both the Boston campus (Fall semester) and the R.S. Friedman Field Station Campus (FFS),Edmunds, ME (Early Fall offering for three weeks). There is a \$475 camping fee associated with the FFS BIO 333 offering.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

• BIO-L333 Ecology Lab

Prerequisites:

BIO 114 &L114, BIO 222 or 224 or 225. Must take BIO 333 concurrently. Fulfills Expanded Classroom Requirement

Credits:

1.00

Description:

Field and laboratory experiences in techniques and concepts relevant to lecture materials; data collecting and report preparation. Group project with data collection, presentation and report preparation is required. (note some aspects of the lab may differ depending on whether it is a Boston or a FFS offering) ECR

Term:

Offered Fall Term

• BIO-343 Biodiversity & Conservation Biology

Prerequisites:

BIO 114, L114; BIO L343 MUST BE TAKEN CONCURRENTLY

Credits:

3.00

Description:

The origin, measurement, and extent of biological diversity on Earth, its practical and theoretical importance, and current trends in extinction due to human activities. Anthropogenic influences on individuals, populations, and ecosystems will be considered, as well as strategies for biological conservation on a changing planet.

Term:

Offered Fall Term

- **BIO-L343 Biodiversity & Conservation Biology Laboratory**

Prerequisites:

BIO-114 and BIO-L114;and must take BIO-343 concurrently

Credits:

1.00

Description:

Laboratory exercises dealing with the calculation, of Biodiversity in the environment, as well as with the effects of contaminants on individuals, populations, and model ecosystems. The fates of contaminants in such systems will be explored, as well as the possibility of remediation of adverse effects.

Term:

Offered Fall Term

- **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

2013-2014 Archived Catalog Information

Environmental Science

Environmental science is an interdisciplinary program requiring 128 credit hours for completion of the Bachelor of Science. Students develop a broad background in biology, chemistry, and physics with emphasis on the science of environment and environmental ethics, policy, and regulation. In the senior year, a practicum is required to provide working knowledge of environmental issues and experience in solving environmental problems.

For study abroad opportunities, please see the director of the environmental science program.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Science Courses](#)

Environmental science offers an honors program. Students participating in the program must meet the following criteria:

1. Students must have an overall GPA of 3.5 and a GPA in the major program of 3.5.
2. Honors candidates must be invited by the Environmental Science Advisory Committee, and should register for ENVS 510.
3. Participants will develop and complete an independent study project under the supervision of a member of the Environmental Science 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 Environmental Science Advisory Committee and to present findings in a colloquium.

2013-2014 Archived Catalog Information

Environmental Science

Environmental science is an interdisciplinary program requiring 128 credit hours for completion of the Bachelor of Science. Students develop a broad background in biology, chemistry, and physics with emphasis on the science of environment and environmental ethics, policy, and regulation. In the senior year, a practicum is required to provide working knowledge of environmental issues and experience in solving environmental problems.

For study abroad opportunities, please see the director of the environmental science program.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Science Courses](#)

• ENVS-111 Major's 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:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, 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. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

- **ENVS-L111 Majors' Environmental Sci 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 to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **ENVS-112 Major's Environmental Science II**

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environmental. Topics introduced in ENVS 111 will be further developed with a focus on how environmental conditions affect human, animal and ecological health. Areas to be considered 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 intended for environmental science and studies majors and minors. Normally offered in spring semester Pre-requisites: open to environmental science and environmental studies majors only, or by permission of the instructor. Must be taken concurrently with ENVS L112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **ENVS-L112 Majors' Environmental Science II Lab**

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered ENVS 112. Exercises will include analysis of environmental samples for such parameters as heavy metal contamination and evidence of sewage contamination, and analysis of air samples for criteria pollutants. Field trips are required. This course is required for Environmental studies majors and complements ENVS 112. 1 term: 1 credit hours Normally offered in spring semester Pre-requisite: enrollment in ENVS 112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **ENVS-436 Environmental Science Practicum**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Application for the principles and techniques of environmental science to a specific environmental problem in a faculty directed independent study. Typically, this experience will include literature research and field work in an off-campus environmental agency. 1 term- 4 credits Requires instructor's consent. ECR

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **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

2013-2014 Archived Catalog Information

Environmental Studies

The environmental studies program is an cross-interdisciplinary program drawing from the sciences, humanities, and social sciences. The program is structured to provide students with a foundation in science, policy, ethics, and humanities so that they may develop a comprehensive understanding of the complexity of environmental issues.

Because the program is flexible, the specific four-year paradigm will vary for individual students, and it is not possible to assign most courses to specific years.

Normally, both Introduction to Environmental Studies (ENST 101) and Introduction to Environmental Science (ENVS 111/L111 and 112/L112) should be taken in the first year, the Environmental Studies Practicum (ENST 403) in the junior or senior year, and the Environmental Studies Capstone (ENST 401 and 402) in the senior year.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Studies Courses](#)

The following are requirements for completion of the major, along with one course each from groups A, B and C listed below:

- **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.

- **ENVS-111 Major's 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:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, 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. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• ENVS-L111 Majors' Environmental Sci 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 to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• ENVS-112 Major's Environmental Science II

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environmental. Topics introduced in ENVS 111 will be further developed with a focus on how environmental conditions affect human, animal and ecological health. Areas to be considered 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 intended for environmental science and studies majors and minors. Normally offered in spring semester Pre-requisites: open to environmental science and environmental studies majors only, or by permission of the instructor. Must be taken concurrently with ENVS L112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **ENVS-L112 Majors' Environmental Science II Lab**

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered ENVS 112. Exercises will include analysis of environmental samples for such parameters as heavy metal contamination and evidence of sewage contamination, and analysis of air samples for criteria pollutants. Field trips are required. This course is required for Environmental studies majors and complements ENVS 112. 1 term: 1 credit hours Normally offered in spring semester Pre-requisite: enrollment in ENVS 112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **PHIL-362 Environmental Ethics**

Prerequisites:

Prerequisite: PHIL 119, or 123, or 127.

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

- **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:

1.00- 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:

One course to be taken as a practicum or internship. The choice of internship or practicum is to be determined in consultation with the program director.

Type:

Expanded Classroom Requirement

EC-131 Environmental Economics OR GVT-438 Environmental Policy and Politics

STATS-250 Applied Statistics OR BIO-273 Biostatistics

A. One course from the following:

Biology

- **BIO-254 Marine Biology**

Prerequisites:

BIO-114 and BIO-L114 or instructor's permission

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, law of the sea. Taught only at the R. S. Friedman Field Station Campus, Edmunds, ME. ECR. This course typically meets for three weeks from early to mid-August to early September (before typical Fall courses begin). Taught alternate years.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-L254 Marine Biology Lab**

Prerequisites:

BIO-114 and BIO-L114 or instructor's permission Must Take BIO-254 Concurrently

Credits:

1.00

Description:

Field trips to local marine environments; field and laboratory observations of marine organisms. Independent student projects. Taught only at the R.S. Friedman Field Station Campus, Edmunds, ME. ECR

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-285 Microbiology**

Prerequisites:

BIO-111 and BIO-L111,

Credits:

3.00

Description:

Viruses and bacteria are surveyed in terms of their ecology, biochemistry, taxonomy, molecular biology and control.

Term:

Offered Fall Term

- **BIO-L285 Microbiology Laboratory**

Prerequisites:

Must take 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, L114 and CHEM-211, L211, 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. Spring semester.

Term:

Offered Spring Term

- **BIO-L304 Comp Animal Physiology Lab**

Prerequisites:

BIO-304 must be taken 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-333 Ecology**

Prerequisites:

BIO 114 and BIO L114; and BIO 222 or BIO 224 and BIO 224 or BIO 225 and L225 This course fulfills the Expanded Classroom Requirement

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.(note: some aspects of the course may differ depending on if it is a Boston or a FFS offering) ECR. Offered even years at both the Boston campus (Fall semester) and the R.S. Friedman Field Station Campus (FFS),Edmunds, ME (Early Fall offering for three weeks). There is a \$475 camping fee associated with the FFS BIO 333 offering.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

- **BIO-L333 Ecology Lab**

Prerequisites:

BIO 114 & L114, BIO 222 or 224 or 225. Must take BIO 333 concurrently. Fulfills Expanded Classroom Requirement

Credits:

1.00

Description:

Field and laboratory experiences in techniques and concepts relevant to lecture materials; data collecting and report preparation. Group project with data collection, presentation and report preparation is required. (note some aspects of the lab may differ depending on whether it is a Boston or a FFS offering) ECR

Term:

Offered Fall Term

- **BIO-343 Biodiversity & Conservation Biology**

Prerequisites:

BIO 114, L114; BIO L343 MUST BE TAKEN CONCURRENTLY

Credits:

3.00

Description:

The origin, measurement, and extent of biological diversity on Earth, its practical and theoretical importance, and current trends in extinction due to human activities. Anthropogenic influences on individuals, populations, and ecosystems will be considered, as well as strategies for biological conservation on a changing planet.

Term:

Offered Fall Term

- **BIO-L343 Biodiversity & Conservation Biology Laboratory**

Prerequisites:

BIO-114 and BIO-L114; and must take BIO-343 concurrently

Credits:

1.00

Description:

Laboratory exercises dealing with the calculation, of Biodiversity in the environment, as well as with the effects of contaminants on individuals, populations, and model ecosystems. The fates of contaminants in such systems will be explored, as well as the possibility of remediation of adverse effects.

Term:

Offered Fall Term

Occasionally, courses are held outside of Suffolk University as part of our participation in the Marine Studies Consortium. Students may discuss this option with the program director.

BIO-354/L354 and BIO-359/L359 are part of the Marine Studies Consortium. Enrollment is with permission of coordinator.

Chemistry/Biochemistry

- **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Topics include functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry. Significant emphasis placed on the use of the arrow formalism to indicate the location and movement of electrons; serves as a basic introduction to organic mechanisms. Prerequisite: CHEM 112, L112 Concurrent enrollment in CHEM L211 required unless L211 has been previously completed. Concurrent enrollment in CHEM L211 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall, days/Summer I, evenings.

Term:

Offered Fall Term

- **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Laboratory exercises providing an introduction to synthetic organic chemistry techniques, including melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Prerequisite: CHEM 112, L112. Concurrent enrollment in 211 required. 4-hour laboratory. 1 term - 1 credit. Normally offered Fall/Summer, days and evenings.

Term:

Offered Fall Term

• CHEM-212 Organic Chemistry II

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I, includes detailed discussions of organic mechanisms of substitution, elimination, and addition reactions. Significant emphasis is placed on organic synthesis, structure determination, and spectroscopy. Prerequisite: CHEM 211, L211. Concurrent enrollment in CHEM L212 required. 3 hours lecture. 1 term - 3 credits. Normally offered Spring, days/Summer II, evenings.

Term:

Offered Spring Term

• CHEM-L212 Organic Chemistry Laboratory II

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Significant emphasis is placed on the characterization of organic molecules via nuclear magnetic resonance spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Concurrent enrollment in CHEM 212 required. 4-hour laboratory. Normally offered Spring/Summer II, days and evenings.

Term:

Offered Spring Term

- **CHEM-314 Instrumental Analysis**

Prerequisites:

CHEM 211; CHEM L314 must be taken concurrently.

Credits:

3.00

Description:

Theory and application of analytical instruments: ultraviolet, visible, fluorescence, atomic and emission spectroscopy; chromatographic methods; electrochemical measurements. Prerequisites: CHEM 211; CHEM L314 must be taken concurrently. 3 hour lecture. 1 term - 3 credits. Normally offered Fall/Spring, days.

Term:

Alternates Fall & Spring

- **CHEM-L314 Instrumental Analysis Lab**

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. Prerequisites: CHEM L112; CHEM 314 must be taken concurrently. 4-hour Laboratory. 1 term - 1 credit. Normally offered Fall/Spring.

Term:

Alternates Fall & Spring

- **CHEM-331 Biochemistry I**

Prerequisites:

CHEM 212/L212 or permission of instructor. CHEM L330 must be taken concurrently.

Credits:

3.00

Description:

This course explores the foundations of biochemistry, including the structure, organization and behavior of proteins, carbohydrates, lipids, and nucleic acids. Topics include enzyme kinetics, membrane structure and signal-transduction pathways. Students will be introduced to the biochemical literature and computer-based bioinformatics techniques. Prerequisites: CHEM 212/L212 or permission of instructor. Concurrent enrollment in CHEM L331 required. 3 hours of lecture per week. Offered every Fall, days only.

Term:

Offered Fall Term

• CHEM-L331 Biochemical Techniques I

Prerequisites:

Must be taken concurrently with CHEM 331. Take CHEM-212 or permission of instructor.

Credits:

1.00

Description:

Laboratory course introducing biochemical techniques. Topics include purification of DNA and proteins, agarose and polyacrylamide gel electrophoresis, protein quantitation and detection, and enzyme kinetic assays. Lab work will be written up in the style of a professional journal article. Offered every Fall, days only.

Term:

Offered Fall 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-453 Introduction to Toxicology**

Prerequisites:

Prerequisites: CHEM 212 and BIO 111

Credits:

4.00

Description:

The study of toxic actions of chemicals on biological systems, with discussion of general principles, methodology, and selected topics. Topics will include forensic toxicology, environmental and occupational toxicology, pesticides, neurotoxicants, and carcinogenesis. CHEM 332 and BIO 403 strongly recommended. 3 hours of lecture and 1 hour of recitation per week. Normally offered every other year.

Term:

Occasional

Environmental Engineering

• **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.

Science

- **SCI-173 Geographic Information Science (GIS) 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-L173 GIS 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **SCI-251 Intro to Coastal Geology**

Prerequisites:

Intro Math and must take SCI-L251 concurrently

Credits:

3.00

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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

Note that some of these courses have prerequisites. Prerequisite requirements range from 0 to 24 credit hours.

B. One course from the following:

Communications and Journalism

- **CJN-479 Environmental Public Relations**

Credits:

4.00

Description:

An examination of the public issues involving the environment. Focuses on public relations strategies for government agencies, corporations and other organizations concerned with the environment. Normally offered yearly.

Term:

Offered Spring Term

Environmental Studies

- **ENST-420 German Greens and Environmentalism**

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g., alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-listed GER 420 and GVT 420

- **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.

Government

- **GVT-329 Law for Environmental Protection and Pollution Prevention**

Credits:

4.00

Description:

A course about how the constitution, common law and statutory law provide for environmental protection and pollution prevention. Students will learn basic skills needed to understand how environmental law works, including constitutional clauses and amendments, landmark civil litigation, the Clean Water Act, the Clean Air Act, landmark civil litigation, and hazardous waste law.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

- **GVT-420 German Greens and Environmentalism**

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g., alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-listed GER 420 and ENST 420

Type:

Social Science,BSBA SOCIAL CHANGE

- **GVT-439 Global Environmental Threat**

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:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

Sociology

- **SOC-217 Sociology of Urban Life**

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

Type:

Social Science,Cultural Diversity Opt A

- **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

Note that some of these courses have prerequisites. Prerequisite requirements range from zero to 8 credit hours.

C. One course from the following:

Humanities and Modern Languages

- **GER-420 The Greens and Environmentalism**

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g. alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-list with ENST 420/GVT 420/620.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

GER 420 can fill a Humanities/History related elective, but cannot be used to fill both Social Science and Humanities/History related electives.

Philosophy

- **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. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every third year.

Term:

Occasional

- **ENST-301 Issues in Environmental Justice**

Credits:

4.00

Description:

Environmental justice is the fair treatment and meaningful involvement of all people regardless of race or income regarding the development, implementation, and enforcement of environmental laws, regulations, and policies. In this course, students will learn about the background of environmental justice, its basis in law, leaders in the movement, and key topics pertaining to environmental and health disparities, such as air quality, public transportation, access to healthy food, facility siting and clean-up, land use, and climate. Material will draw heavily upon local examples and readings from a wide range of fields. Students will learn about community organizing and advocacy, and how these skills can be applied to shape decision-making. We will also discuss sustainable practices that can be integrated into daily life to create healthy communities and equity. One term, 4 semester hours, normally offered once a year, no prerequisites.

• **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

The total required credit hours for the environmental studies major ranges from 44 to 76, depending on course selection.

Note that certain courses required of the major will also meet core curriculum requirements, and can be double-counted toward graduation requirements.

Some courses are part of the Marine Science Consortium. Enrollment is with permission of coordinator.

ENST 420/GVT 420 can fill a Social Science related elective or GER 420 can fill a Humanities/History related elective, but cannot be used to fill both Social Science and Humanities/History related electives.

2013-2014 Archived Catalog Information

Environmental Studies

The environmental studies program is an cross-interdisciplinary program drawing from the sciences, humanities, and social sciences. The program is structured to provide students with a foundation in science, policy, ethics, and humanities so that they may develop a comprehensive understanding of the complexity of environmental issues.

Because the program is flexible, the specific four-year paradigm will vary for individual students, and it is not possible to assign most courses to specific years.

Normally, both Introduction to Environmental Studies (ENST 101) and Introduction to Environmental Science (ENVS 111/L111 and 112/L112) should be taken in the first year, the Environmental Studies Practicum (ENST 403) in the junior or senior year, and the Environmental Studies Capstone (ENST 401 and 402) in the senior year.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Studies Courses](#)

A minor in environmental studies is available. Students who minor in environmental studies must complete the following 5 courses (20 credits):

- **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.

- **ENVS-111 Major's 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:

Case study approach to the fundamentals of science applied to the environment. Topics include population and resources, environmental degradation, ecosystems, geologic processes, population dynamics, deforestation, 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. This course is required for all environmental science and environmental studies majors and minors. Other students will be admitted by permission of the instructor.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• ENVS-L111 Majors' Environmental Sci 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 to illustrate topics covered in ENVS 111. Field testing and analysis of environmental samples. Field trips required. This course is required for all environmental science and environmental studies majors and minors and is the laboratory to accompany ENVS 111.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• ENVS-112 Major's Environmental Science II

Credits:

3.00

Description:

Case study approach to the fundamentals of science applied to the environmental. Topics introduced in ENVS 111 will be further developed with a focus on how environmental conditions affect human, animal and ecological health. Areas to be considered 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 intended for environmental science and studies majors and minors. Normally offered in spring semester Pre-requisites: open to environmental science and environmental studies majors only, or by permission of the instructor. Must be taken concurrently with ENVS L112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **ENVS-L112 Majors' Environmental Science II Lab**

Credits:

1.00

Description:

Laboratory exercises to illustrate topics covered ENVS 112. Exercises will include analysis of environmental samples for such parameters as heavy metal contamination and evidence of sewage contamination, and analysis of air samples for criteria pollutants. Field trips are required. This course is required for Environmental studies majors and complements ENVS 112. 1 term: 1 credit hours Normally offered in spring semester Pre-requisite: enrollment in ENVS 112

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

Two 200-level or higher courses from the environmental studies option list

2013-2014 Archived Catalog Information

Environmental Studies

The environmental studies program is an cross-interdisciplinary program drawing from the sciences, humanities, and social sciences. The program is structured to provide students with a foundation in science, policy, ethics, and humanities so that they may develop a comprehensive understanding of the complexity of environmental issues.

Because the program is flexible, the specific four-year paradigm will vary for individual students, and it is not possible to assign most courses to specific years.

Normally, both Introduction to Environmental Studies (ENST 101) and Introduction to Environmental Science (ENVS 111/L111 and 112/L112) should be taken in the first year, the Environmental Studies Practicum (ENST 403) in the junior or senior year, and the Environmental Studies Capstone (ENST 401 and 402) in the senior year.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Studies Courses](#)

Environmental studies offers an honors program. Students participating in the program must meet the following criteria:

- Students must have an overall GPA of 3.5 and a GPA in the major program of 3.5.
- Honors candidates must be invited by the Environmental Studies Advisory Committee, and should register for ENST 510.
- Participants will develop and complete an independent study project under the supervision of a member of the Environmental Studies Advisory Committee. Depending on the nature of the project, the study may be conducted on or off campus, or involve a combination of both.
- To successfully complete the project a student will be required to develop and defend a thesis to the Environmental Studies Advisory Committee and to present findings in a colloquium.

2013-2014 Archived Catalog Information

Environmental Studies

The environmental studies program is an cross-interdisciplinary program drawing from the sciences, humanities, and social sciences. The program is structured to provide students with a foundation in science, policy, ethics, and humanities so that they may develop a comprehensive understanding of the complexity of environmental issues.

Because the program is flexible, the specific four-year paradigm will vary for individual students, and it is not possible to assign most courses to specific years.

Normally, both Introduction to Environmental Studies (ENST 101) and Introduction to Environmental Science (ENVS 111/L111 and 112/L112) should be taken in the first year, the Environmental Studies Practicum (ENST 403) in the junior or senior year, and the Environmental Studies Capstone (ENST 401 and 402) in the senior year.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Environmental Studies Courses](#)

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- **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-301 Issues in Environmental Justice**

Credits:

4.00

Description:

Environmental justice is the fair treatment and meaningful involvement of all people regardless of race or income regarding the development, implementation, and enforcement of environmental laws, regulations, and policies. In this course, students will learn about the background of environmental justice, its basis in law, leaders in the movement, and key topics pertaining to environmental and health disparities, such as air quality, public transportation, access to healthy food, facility siting and clean-up, land use, and climate. Material will draw heavily upon local examples and readings from a wide range of fields. Students will learn about community organizing and advocacy, and how these skills can be applied to shape decision-making. We will also discuss sustainable practices that can be integrated into daily life to create healthy communities and equity. One term, 4 semester hours, normally offered once a year, no prerequisites.

• 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

• 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-380 Law for Environmental Protection and Pollution Prevention**

Credits:

4.00

Description:

A course about how the constitution, common law and statutory law provide for environmental protection and pollution prevention. Students will learn basic skills needed to understand how environmental law works, including constitutional clauses and amendments, landmark civil litigation, the Clean Water Act, the Clean Air Act, landmark civil litigation, and hazardous waste law.

- **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:

1.00- 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:

One course to be taken as a practicum or internship. The choice of internship or practicum is to be determined in consultation with the program director.

Type:

Expanded Classroom Requirement

- **ENST-420 German Greens and Environmentalism**

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g., alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-listed GER 420 and GVT 420

- **ENST-450 Lobbying, Media, and Public Policy**

Credits:

4.00

Description:

As a result of new environmental and energy concerns championed by the media, politicians and the public government regulators in the US and around the world are being forced to rethink their priorities and react to these outside influences rather than rely on the process they have used for decades. But as we shift to notions such as the precautionary principle and embrace renewable power as a solution to climate change, is this reactionary approach relying too much on what the media and others say and too little on the facts? Are government agencies equipped to analyze these issues and disagree with rising public opinion? Is this a good way to develop public policy? Through discussion and analysis, we will critically examine all sides of these and

other current issues and get behind the headlines using real world examples to try to separate fact from hype. We'll also probe the roles that politicians, lobbyists, and the media have in framing the debate.

Type:

Social Science

- **ENST-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.

2013-2014 Archived Catalog Information

German Studies

The cultural, scientific, and technological achievements of the German-speaking peoples are known and valued throughout the world. German is the official language of Germany and Austria and one of the official languages of Switzerland. It is also widely spoken in Eastern Europe. Today, Germany has the largest population and the most powerful economy in the European Union. A minor in German studies is available. There is no major in German studies.

- [Minor](#)
- [German Courses](#)

The German Studies minor consists of 6 courses (24 credits)

Prerequisites (2 courses, 8 credits)

- 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:

BA FOREIGN

- 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:

BA FOREIGN

Four Advanced Courses (16 credits)

The list must include the following:

- **GER-302 German Civilization II**

Prerequisites:

GER 202 or consent of instructor.

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the late 19th century to the present. Major figures, movements, and periods. Art, literature, music, philosophy, and popular culture in the context of political and economic developments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **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

Type:

BA FOREIGN

Note: GER 216, 218, 306, 419 and GER 420 may be counted toward the minor (with supplemental activities in German).

Related Disciplines:

A maximum of two courses from other departments can be counted toward the minor. A current list of such courses can be obtained at the department office.

AP and Other Credit:

- Incoming students who receive a score of “4” or “5” on the AP German examination have fulfilled the prerequisite for the minor.
- A maximum of two courses taken at other institutions or as part of a study abroad program in a German-speaking country may apply toward the minor.
- Any Seminar for Freshmen with a topic related to the German-speaking countries (e.g., culture, politics, society) counts toward the major or minor programs.

2013-2014 Archived Catalog Information

German Studies

The cultural, scientific, and technological achievements of the German-speaking peoples are known and valued throughout the world. German is the official language of Germany and Austria and one of the official languages of Switzerland. It is also widely spoken in Eastern Europe. Today, Germany has the largest population and the most powerful economy in the European Union. A minor in German studies is available. There is no major in German studies.

- [Minor](#)
- [German Courses](#)

- **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

Type:

BA FOREIGN

- **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:

BA FOREIGN

- 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:

BA FOREIGN

- 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:

BA FOREIGN

- **GER-216 Masters of German Literature in English Translation**

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

Type:

Humanities Literature Requirement

- **GER-218 Grimms' Fairy Tales**

Credits:

4.00

Description:

A critical reading of Grimms' Fairy Tales in the cultural, literary, and political context of the times in which they were collected, edited, and read. Comparisons will be drawn with 20th/21st century cinematic adaptations. The investigation will include uncovering reasons for the graphic violence present in the tales. The contributions of major folklore scholars will also be discussed. The texts will be read in English translation.

Term:

Occasional

Type:

Humanities Literature Requirement

- **GER-301 German Civilization**

Prerequisites:

GER 202 or instructor consent

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the Reformation to German unification (1871). Major figures, movements, and periods. Art, literature, music, and philosophy in the context of political and economic developments. Normally offered alternate years.

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• GER-302 German Civilization II

Prerequisites:

GER 202 or consent of instructor.

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the late 19th century to the present. Major figures, movements, and periods. Art, literature, music, philosophy, and popular culture in the context of political and economic developments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• 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

Type:

- **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

Type:

BA FOREIGN

- **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

Type:

Humanities & History, Humanities Literature Requirement

- **GER-310 Masterpieces of German Literature**

Prerequisites:

GER 202 or Instructor's Permission

Credits:

4.00

Description:

A reading of major works in the context of cultural trends and historical developments. Includes such texts as Goethe's Faust, Grimm's fairy tales, a selection of poetry, dramas, and short prose pieces, and at least one novel. GER 301 or GER 302 strongly recommended.

Term:

Occasional

Type:

Humanities Literature Requirement,BA FOREIGN

• **GER-320 The German Press**

Prerequisites:

GER-202

Credits:

4.00

Description:

A comparative reading of articles from the German language press on such topics as contemporary culture, the environment, the European Union, globalization, immigration, minorities and the women's movement.

Term:

Occasional

Type:

BA FOREIGN

• **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.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **GER-419 East Germany and the Cold War**

Credits:

4.00

Description:

When the German Democratic Republic was founded in 1949, observers in the West viewed it as an artificial construct created to serve the needs of the Soviet empire. The self-image of the GDR as created by its leadership revolved around the idea of an anti-fascist German state designed as a bulwark against any revival of National Socialism. Over a generation after the fall of the Berlin Wall, it is possible to undertake a dispassionate analysis of the forty-year history of the 'other' German state as manifested in its cultural identity and political role during the Cold War. Cross- list with GVT 472/872

Term:

Occasional

Type:

Social Science

- **GER-420 The Greens and Environmentalism**

Credits:

4.00

Description:

The rise of the Green Party, from it's grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g. alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-list with ENST 420/GVT 420/620.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **GER-502 Honors Thesis**

Prerequisites:

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

Type:

BA FOREIGN

2013-2014 Archived Catalog Information

Government

The undergraduate government major offers a liberal arts education with a focus on the institutions, ideas, and processes of community, national, and international decision making. Students choose one of four tracks, which are described below.

The Department of Government offers undergraduate students an opportunity to enter into the political profession by gaining expertise through a wide range of courses, faculty and student research, and public service. The department also seeks to improve the political process, and to expand public understanding of political issues, institutions, and processes through a variety of public programs, work with the media, the polls conducted by the Suffolk University Political Research Center, and research by its faculty and students.

The department offers a major and a minor, each with a choice of four tracks. The department also collaborates with others to offer majors in Latin American and Caribbean studies and in environmental studies.

The government department offers the undergraduate major in both the BA and, except for Track D, the BS.

Students must do at least 8 credits in residence in the major to graduate.

Waiver of Admissions Examination for MSPS

Students graduating with a major in any government track, and with a cumulative grade point average of at least 3.0, are exempted from the requirement to submit scores from either the Graduate Record Examination or Miller Analogies Test when applying for admission to the Master of Science in Political Science program at Suffolk University.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Track A - Political Science](#)
- [Track B - American Politics and Government](#)
- [Track C - Politics, Law, and the Courts](#)
- [Track D - International Affairs](#)
- [Joint Bachelor's/Master's Degree](#)
- [Interdisciplinary Programs](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Courses](#)

All government majors in all tracks must complete the following nine (9) credits of core courses.

Core Major Requirements (9 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:

Social Science,BSJ SOCIAL SCIENCE

• GVT-120 Research Methods

Credits:

4.00

Description:

Building on the skills learned in GVT 110, 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:

Social Science

• 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.

Type:

2013-2014

2013-2014

2013-1

2013-2014 Archived Catalog Information

Government

The undergraduate government major offers a liberal arts education with a focus on the institutions, ideas, and processes of community, national, and international decision making. Students choose one of four tracks, which are described below.

The Department of Government offers undergraduate students an opportunity to enter into the political profession by gaining expertise through a wide range of courses, faculty and student research, and public service. The department also seeks to improve the political process, and to expand public understanding of political issues, institutions, and processes through a variety of public programs, work with the media, the polls conducted by the Suffolk University Political Research Center, and research by its faculty and students.

The department offers a major and a minor, each with a choice of four tracks. The department also collaborates with others to offer majors in Latin American and Caribbean studies and in environmental studies.

The government department offers the undergraduate major in both the BA and, except for Track D, the BS.

Students must do at least 8 credits in residence in the major to graduate.

Waiver of Admissions Examination for MSPS

Students graduating with a major in any government track, and with a cumulative grade point average of at least 3.0, are exempted from the requirement to submit scores from either the Graduate Record Examination or Miller Analogies Test when applying for admission to the Master of Science in Political Science program at Suffolk University.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Track A - Political Science](#)
- [Track B - American Politics and Government](#)
- [Track C - Politics, Law, and the Courts](#)
- [Track D - International Affairs](#)
- [Joint Bachelor's/Master's Degree](#)
- [Interdisciplinary Programs](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Courses](#)

Track A – BA or BS in Political Science

This track provides a broad overview of political science as a discipline, including its major subfields, and introduces common methods of qualitative and quantitative research. It is the ideal preparation for graduate study in political science, particularly for the PhD. Track A is also recommended for students pursuing certification in secondary school teaching.

Track A Requirements (28 Credits/7 courses)

- **GVT-201 Statistics for Political Science**

Prerequisites:

Sophomore Standing GVT 110 and 120 and Math 130 or higher.

Credits:

4.00

Description:

This course is an introduction to statistics and empirical research methods generally used in political science. The course will emphasize the use of statistics and its value in substantive political science research. Statistics is a tool for drawing conclusions and making inferences from observable evidence. As well, the specification of conditions under which evidence is observed affects the conclusions and arguments that political scientists draw about how social and political processes work. The purpose of this course is to equip students with tools to interpret and conduct original data analysis, critique and make an argument based on data, and provide a view into the process of political science research and how political scientists use statistical methods and research design to answer substantive questions about politics. Since most applied data analysis utilizes data management software, students will learn how to use SPSS as a tool for conducting data analysis. Prerequisites: Sophomore Standing, GVT 110 and 120 and Math 130 or instructor's consent. 1 term - 4 credits.

Type:

Quantitative Reasoning

- **GVT-276 Political Theory**

Prerequisites:

Sophomore standing

Credits:

4.00

Description:

Political thought and philosophy from antiquity to the present, including such thinkers as Aristotle, Locke, Marx and Nietzsche. The course will highlight major watersheds in political theory such as the Renaissance and the Reformation, and will also examine non-Western traditions. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

Electives (5 courses, 20 credits)

Elective Options

Electives must include at least one course each in American government, comparative government, and international relations.

American 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-224 American Politics & 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-243 American Constitutional Law

Prerequisites:

not open to freshmen

Credits:

4.00

Description:

The growth of Constitutional law and the role of the Supreme Court is examined by analysis of court decisions dealing with Judicial Review, Federalism, Presidential and Congressional powers. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

• 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-280 Law, Public Policy, and Psychology**

Credits:

4.00

Description:

The law affects and is affected by public policy. Beyond this, the law affects, and is affected by, many other disciplines. Understanding the evolving relationship among public policy, law and psychology in the US is integral to both disciplines. This course explores contemporary forensic psychology's role in the legal system - e.g., jury selection; expert witnesses; biases; crime control vs. due process, etc. through readings, class discussion, occasional audio-visual material and guest speakers if and when appropriate and available. Normally offered every other year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-306 Women & Public Policy**

Credits:

4.00

Description:

This course examines women's issues and roles in the public policy process. Topics will include policies that affect women, such as child care and reproductive issues. Emphasis will also be placed on women's roles in the policy process, as citizens, voters, and public officials. Prerequisite: Open to non-majors; not open to freshmen.

Normally offered alternate years. Cultural Diversity A

Type:

Social Science,Cultural Diversity Opt A,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **GVT-343 State Court Process & Policy**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

Contemporary state court processes, progress and problems including trial and appellate court practice, procedure and participants; plea bargaining, alternative dispute resolution; policy making. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **GVT-348 Law, Race and Gender**

Prerequisites:

GOV 110, GVT 120, or instructor's consent

Credits:

4.00

Description:

Covers the 13th, 14th, and 15th amendments, known as the Reconstruction amendments. This course focuses upon these three critical amendments, with an eye towards their importance in framing race-based rights, and the 14th with regard to gender-based rights. It emphasizes the politics of these amendments' language, ratification, and impact (including their 130-year interpretation by the Supreme Court.) The course treats the U.S. Constitution dynamically, as a political and social educator. It also examines the extent to which the Constitution could be viewed as race- or gender-blind.

Type:

Cultural Diversity Opt A,Social Science,BSJ SOCIAL SCIENCE

• **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

Comparative Government

- **GVT-203 Women in World Politics**

Credits:

4.00

Description:

The relationship of women to their political culture and structures. The role of women seen in theory (e.g., Marxism, American feminism, existentialism) and in global comparative analysis. Cultural Diversity B

Type:

Cultural Diversity Opt B,Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

- **GVT-281 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:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-283 Third World Politics**

Credits:

4.00

Description:

Theories dealing with the process of political change in countries of the Third World: the impact of the military, traditional culture and institutions, economic problems, strong personalities and other factors on political life and institutions. Prerequisite: Not open to freshmen. 1 term - 4 credits. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science

• **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.

Type:

Social Science

• **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

Type:

Cultural Diversity Opt B, Social Science

• **GVT-385 Politics of Russia and the Former Soviet Republics**

Prerequisites:

Not open to freshmen.

Credits:

4.00

Description:

This course will examine political and economic institutions of newly independent entities from Kazakhstan to the Baltics. It will include historical roots of the Soviet Union from the Russian Revolution through the Gorbachev years. Attention will be paid to Marxist theory and non-Marxist challenges for the economy of the area as well as the state. While some attention will be paid to foreign relations of the former Soviet Union and the current regimes with Western Europe and the U.S. and elsewhere, the major emphasis will be on domestic policy on citizens of the former Soviet Union. Normally offered alternate years.

Type:

Social Science

• **GVT-387 Reconciliation and Conflict in Central America**

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:

Cultural Diversity Opt B, Social Science

• **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:

Cultural Diversity Opt B, Social Science, Asian Studies

• **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

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE

• **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.

Type:

- **GVT-467 Comparative Social Movements**

Prerequisites:

Junior status

Credits:

4.00

Description:

This class examines the political ramifications of social movements primarily but not exclusively within the United States. It looks at ideology, beliefs and mechanisms of mobilization. Another important focus is an analysis of non-white social movements in this country and their impact on domestic politics. Among the movements to be examined are: the Pan-African movement 1919-1939 which will, to some extent, take us outside this country; the U.S. Civil Rights Movement 1955 to 1969 which covers the rise of the Black Power movement; and the U.S. Labor Movement 1900 to 1955 in terms of non-white influence on its programmatic goals. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE, BSBA SOCIAL CHANGE

- **GVT-482 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.

Type:

Social Science

- **GVT-485 Politics and International Relations of The Middle East**

Prerequisites:

TAKE GVT-281 OR INSTRUCTOR'S CONSENT

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

Type:

Cultural Diversity Opt B, Social Science

International Relations

- **GVT-261 Theory & Practical International Relations**

Prerequisites:

GVT 110, 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.

Type:

Social Science

- **GVT-313 The Atlantic Triangle: European Union, United States and Latin America**

Credits:

4.00

Description:

This course examines the main political, economic and social trends in the European Union, Latin America and the United States as well as the multiples interactions among them since the end of the Cold War. The readings are structured in two main sections. After briefly reviewing the historical development of these three partners on both sides of the Atlantic in the past five decades, the first section identifies the key processes that are defining the main characteristics of Europe (deepening vs. widening), United States (isolationism vs. internationalism) and Latin America (democracy vs. social equality). The second part of the course explains the tendencies and contradictions in the construction of the external relations of the European Union towards the United States and Latin America, from the cooperation and competition in development of a safe and free Europe in the 1990s to the acrimonious debate about the 2003 Iraq invasion and the prospects of the 2006 EU-Latin America Vienna Summit, among other important events.

Type:

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-384 U.S. and 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-399 Politics of Ethnic Conflict**

Prerequisites:

SOPH STANDING REQUIRED

Credits:

4.00

Description:

The course will survey various theories of nationalism and ethnic conflict and test their applicability to a number of contemporary cases. After a look at the sources of ethnic conflict within a particular country we will examine the way in which the international system reacted. Special attention will be paid to conflicts that have or have had a U.S. diplomatic dimension, namely Northern Ireland and Israel/Palestinian territories. Open to non-majors.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **GVT-439 Global Environmental Threat**

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:

Social Science,BSJ SOCIAL SCIENCE

• **GVT-462 Approaches to Foreign Politics & Diplomacy**

Prerequisites:

GVT 261. Junior status or above

Credits:

4.00

Description:

The objective of this course is to analyze the mechanisms and processes of diplomacy. It provides a sense of the evolution of statecraft, and it seeks to assess the utility of different approaches to the development of foreign policy and to examine the successes and failures of these approaches in different circumstances. Prerequisite: GVT 281 or instructor's consent. Open only to Juniors and Seniors. 1 term - 4 credits.

Type:

Social Science

• 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.

Type:

Social Science

• GVT-465 International and Transnational Organizations

Prerequisites:

GVT-261

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.

Type:

Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

2013-2014 Archived Catalog Information

Government

The undergraduate government major offers a liberal arts education with a focus on the institutions, ideas, and processes of community, national, and international decision making. Students choose one of four tracks, which are described below.

The Department of Government offers undergraduate students an opportunity to enter into the political profession by gaining expertise through a wide range of courses, faculty and student research, and public service. The department also seeks to improve the political process, and to expand public understanding of political issues, institutions, and processes through a variety of public programs, work with the media, the polls conducted by the Suffolk University Political Research Center, and research by its faculty and students.

The department offers a major and a minor, each with a choice of four tracks. The department also collaborates with others to offer majors in Latin American and Caribbean studies and in environmental studies.

The government department offers the undergraduate major in both the BA and, except for Track D, the BS.

Students must do at least 8 credits in residence in the major to graduate.

Waiver of Admissions Examination for MSPS

Students graduating with a major in any government track, and with a cumulative grade point average of at least 3.0, are exempted from the requirement to submit scores from either the Graduate Record Examination or Miller Analogies Test when applying for admission to the Master of Science in Political Science program at Suffolk University.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Track A - Political Science](#)
- [Track B - American Politics and Government](#)
- [Track C - Politics, Law, and the Courts](#)
- [Track D - International Affairs](#)
- [Joint Bachelor's/Master's Degree](#)
- [Interdisciplinary Programs](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Courses](#)

Track B – BA or BS in American Politics and Government

This track is designed to give students a strong background in the institutions and processes of American government. Students interested in careers in politics and public service, as well as students wishing to go on to graduate studies in public administration, public policy, and law, will benefit from this track. Track B provides students with a general knowledge of American government, as well as technical skills necessary to analyze and understand American government and politics.

Track B Requirements (28 Credits/7 courses)

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-243 American Constitutional Law**

Prerequisites:

not open to freshmen

Credits:

4.00

Description:

The growth of Constitutional law and the role of the Supreme Court is examined by analysis of court decisions dealing with Judicial Review, Federalism, Presidential and Congressional powers. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

One of the following:

- **GVT-224 American Politics & 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

Electives (12 credits/3 courses):

One elective must be a political theory course.

*Electives strongly recommended for this track:

• 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-306 Women & Public Policy

Credits:

4.00

Description:

This course examines women's issues and roles in the public policy process. Topics will include policies that affect women, such as child care and reproductive issues. Emphasis will also be placed on women's roles in the policy process, as citizens, voters, and public officials. Prerequisite: Open to non-majors; not open to freshmen. Normally offered alternate years. Cultural Diversity A

Type:

Social Science,Cultural Diversity Opt A,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-352 Constitutional Reform**

Prerequisites:

GVT 110, 120, 243, and 244 or instructor's permission

Credits:

4.00

Description:

A critical analysis of whether our constitutional system is adequate to effectively resolve the new and complex problems of governance in this century. The strengths and weaknesses of governmental structure created by the U.S. Constitution will be examined. Past and current amendment proposals will receive special attention. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **GVT-357 Urban Politics & Government**

Prerequisites:

GVT 110/120 OR INSTRUCTOR'S PERMISSION Junior status or above

Credits:

4.00

Description:

This course examines the political process and problems characteristic of big cities in the United States today. Students are encouraged to do individual and group research on specific urban political topics. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **GVT-358 Politics and the Media**

Prerequisites:

GVT 110 OR GVT 120

Credits:

4.00

Description:

This course will explore the influence of the media on contemporary political issues and public opinion; and the use of media in political campaigns, advertising, etc. Topics may include the impact of talk radio", the issue of the media bias, the role of television, the Hollywood connection", etc. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **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

Type:

Humanities & History,Social Science,BSJ SOCIAL SCIENCE

• GVT-435 Race and Public Policy

Prerequisites:

GVT 110 OR GVT 120 OR GVT 223 OR GVT 224

Credits:

4.00

Description:

Public policy's impact on Blacks Chicano's, Native Americans Puerto Ricans, and other minority groups; how public policy has contributed to racial oppression; policies for attaining racial equality; political strategies of minority groups. Cultural Diversity A

Type:

Cultural Diversity Opt A,Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

• GVT-438 Environmental Policy & Politic

Prerequisites:

This course will have a service learning component Sophomore 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

APG/MPA Guaranteed Acceptance Program

Students graduating from the College with a BA or BS in the American politics and government major, and who have a GPA of 3.0 or higher, are guaranteed admission to the master's program in public administration (MPA) offered by the Sawyer Business School.

Seniors in the APG track with a GPA of 3.0 or better may cross register into the Sawyer Business School for graduate level foundations courses in public administration.

2013-2014 Archived Catalog Information

Government

The undergraduate government major offers a liberal arts education with a focus on the institutions, ideas, and processes of community, national, and international decision making. Students choose one of four tracks, which are described below.

The Department of Government offers undergraduate students an opportunity to enter into the political profession by gaining expertise through a wide range of courses, faculty and student research, and public service. The department also seeks to improve the political process, and to expand public understanding of political issues, institutions, and processes through a variety of public programs, work with the media, the polls conducted by the Suffolk University Political Research Center, and research by its faculty and students.

The department offers a major and a minor, each with a choice of four tracks. The department also collaborates with others to offer majors in Latin American and Caribbean studies and in environmental studies.

The government department offers the undergraduate major in both the BA and, except for Track D, the BS.

Students must do at least 8 credits in residence in the major to graduate.

Waiver of Admissions Examination for MSPS

Students graduating with a major in any government track, and with a cumulative grade point average of at least 3.0, are exempted from the requirement to submit scores from either the Graduate Record Examination or Miller Analogies Test when applying for admission to the Master of Science in Political Science program at Suffolk University.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Track A - Political Science](#)
- [Track B - American Politics and Government](#)
- [Track C - Politics, Law, and the Courts](#)
- [Track D - International Affairs](#)
- [Joint Bachelor's/Master's Degree](#)
- [Interdisciplinary Programs](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Courses](#)

Track C – BA or BS in Politics, Law, and the Courts

This track is designed to give students interested in law and the courts the opportunity to study and critically analyze state, federal, and international legal issues and the institutions in which legal decisions are made. It is appropriate for students with a general interest in law, for preparation toward careers in media or public service, and for those planning further legal studies. Prelaw advising is regularly available for government majors in any track who plan to apply to law school.

Track C Requirements (28 Credits/7 courses)

- **GVT-243 American Constitutional Law**

Prerequisites:

not open to freshmen

Credits:

4.00

Description:

The growth of Constitutional law and the role of the Supreme Court is examined by analysis of court decisions dealing with Judicial Review, Federalism, Presidential and Congressional powers. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-343 State Court Process & Policy**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

Contemporary state court processes, progress and problems including trial and appellate court practice, procedure and participants; plea bargaining, alternative dispute resolution; policy making. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

Electives (16 credits/4 courses)

One elective must be a political theory course.

*Electives strongly recommended for this track:

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-348 Law, Race and Gender**

Prerequisites:

GOV 110, GVT 120, or instructor's consent

Credits:

4.00

Description:

Covers the 13th, 14th, and 15th amendments, known as the Reconstruction amendments. This course focuses upon these three critical amendments, with an eye towards their importance in framing race-based rights, and the 14th with regard to gender-based rights. It emphasizes the politics of these amendments' language, ratification,

and impact (including their 130-year interpretation by the Supreme Court.) The course treats the U.S. Constitution dynamically, as a political and social educator. It also examines the extent to which the Constitution could be viewed as race- or gender-blind.

Type:

Cultural Diversity Opt A, Social Science, BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science

It is also advised that students take advantage of the many internship opportunities which exist for law related placements, at the local level, in Washington, D.C., or at international sites such as London, for 4-16 credits.

2013-2014 Archived Catalog Information

Government

The undergraduate government major offers a liberal arts education with a focus on the institutions, ideas, and processes of community, national, and international decision making. Students choose one of four tracks, which are described below.

The Department of Government offers undergraduate students an opportunity to enter into the political profession by gaining expertise through a wide range of courses, faculty and student research, and public service. The department also seeks to improve the political process, and to expand public understanding of political issues, institutions, and processes through a variety of public programs, work with the media, the polls conducted by the Suffolk University Political Research Center, and research by its faculty and students.

The department offers a major and a minor, each with a choice of four tracks. The department also collaborates with others to offer majors in Latin American and Caribbean studies and in environmental studies.

The government department offers the undergraduate major in both the BA and, except for Track D, the BS.

Students must do at least 8 credits in residence in the major to graduate.

Waiver of Admissions Examination for MSPS

Students graduating with a major in any government track, and with a cumulative grade point average of at least 3.0, are exempted from the requirement to submit scores from either the Graduate Record Examination or Miller Analogies Test when applying for admission to the Master of Science in Political Science program at Suffolk University.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Track A - Political Science](#)
- [Track B - American Politics and Government](#)
- [Track C - Politics, Law, and the Courts](#)
- [Track D - International Affairs](#)
- [Joint Bachelor's/Master's Degree](#)
- [Interdisciplinary Programs](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Courses](#)

Track D – BA in International Affairs

The purpose of this track 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 which operate in the international environment. It is also suitable for students planning graduate study in political science, law or diplomacy. Students in Track D must earn the BA.

Track D Requirements (28 Credits/7 courses)

- **GVT-261 Theory & Practical International Relations**

Prerequisites:

GVT 110, 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.

Type:

Social Science

- **GVT-281 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:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science

One of the following:

- **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.

Type:

Social Science

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **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.

Type:

Social Science

• **GVT-465 International and Transnational Organizations**

Prerequisites:

GVT-261

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.

Type:

Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

Electives (12 credits/3 courses):

At least one from group A – Country/Area Studies and group B – Issues. The list of available classes might change in any given semester.

A. Country/Area Studies

- **GVT-283 Third World Politics**

Credits:

4.00

Description:

Theories dealing with the process of political change in countries of the Third World: the impact of the military, traditional culture and institutions, economic problems, strong personalities and other factors on political life and institutions. Prerequisite: Not open to freshmen. 1 term - 4 credits. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B,Social Science

- **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.

Type:

Social Science

- **GVT-313 The Atlantic Triangle: European Union, United States and Latin America**

Credits:

4.00

Description:

This course examines the main political, economic and social trends in the European Union, Latin America and the United States as well as the multiples interactions among them since the end of the Cold War. The readings are structured in two main sections. After briefly reviewing the historical development of these three partners on both sides of the Atlantic in the past five decades, the first section identifies the key processes that are defining the main characteristics of Europe (deepening vs. widening), United States (isolationism vs. internationalism) and Latin America (democracy vs. social equality). The second part of the course explains the tendencies and contradictions in the construction of the external relations of the European Union towards the United States and Latin America, from the cooperation and competition in development of a safe and free Europe in the 1990s to the acrimonious debate about the 2003 Iraq invasion and the prospects of the 2006 EU-Latin America Vienna Summit, among other important events.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science

- **GVT-382 Crisis and Integration in Europe**

Prerequisites:

Junior status or above

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.

Type:

Social Science

• **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

Type:

Cultural Diversity Opt B, Social Science

• **GVT-387 Reconciliation and Conflict in Central America**

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:

Cultural Diversity Opt B, Social Science

• GVT-388 The United States and East Asia

Credits:

4.00

Description:

This course will examine US relations with East Asia through the lens of leading International Relations theories. We will analyze the growing regional influence of China, and will also examine the foreign policies of major regional powers including South and North Korea, Japan, and Taiwan. By exploring the economic and political factors that are working to shape the dynamic East Asian regional order, we will gain an understanding of the challenges faced by the US in this economically and strategically pivotal region.

Type:

BSJ SOCIAL SCIENCE, Social Science

• 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:

Cultural Diversity Opt B, Social Science, Asian Studies

• 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

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE

• 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.

Type:

Cultural Diversity Opt B, Social Science

• GVT-485 Politics and International Relations of The Middle East

Prerequisites:

TAKE GVT-281 OR INSTRUCTOR'S CONSENT

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

Type:

Cultural Diversity Opt B, Social Science

• GVT-507 Gvt Study Trip: Civil Rights Tour

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

Type:

Social Science,Expanded Classroom Requirement

or

Any course offered by the department with a focus on the politics of a particular nation or region

B. Issues

- **GVT-203 Women in World Politics**

Credits:

4.00

Description:

The relationship of women to their political culture and structures. The role of women seen in theory (e.g., Marxism, American feminism, existentialism) and in global comparative analysis. Cultural Diversity B

Type:

Cultural Diversity Opt B,Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

- **GVT-384 U.S. and 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science

- **GVT-399 Politics of Ethnic Conflict**

Prerequisites:

SOPH STANDING REQUIRED

Credits:

4.00

Description:

The course will survey various theories of nationalism and ethnic conflict and test their applicability to a number of contemporary cases. After a look at the sources of ethnic conflict within a particular country we will examine the way in which the international system reacted. Special attention will be paid to conflicts that have or have had a U.S. diplomatic dimension, namely Northern Ireland and Israel/Palestinian territories. Open to non-majors.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-420 German Greens and Environmentalism**

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century.

Present governmental policies and programs (e.g., alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-listed GER 420 and ENST 420

Type:

Social Science,BSBA SOCIAL CHANGE

- **GVT-438 Environmental Policy & Politic**

Prerequisites:

This course will have a service learning component Sophomore 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-439 Global Environmental Threat**

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:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-462 Approaches to Foreign Politics & Diplomacy**

Prerequisites:

GVT 261. Junior status or above

Credits:

4.00

Description:

The objective of this course is to analyze the mechanisms and processes of diplomacy. It provides a sense of the evolution of statecraft, and it seeks to assess the utility of different approaches to the development of foreign policy and to examine the successes and failures of these approaches in different circumstances. Prerequisite: GVT 281 or instructor's consent. Open only to Juniors and Seniors. 1 term - 4 credits.

Type:

Social Science

- **GVT-466 Globalization, Regionalization and Sovereignty**

Prerequisites:

GVT 261

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.

Type:

Social Science

- **GVT-467 Comparative Social Movements**

Prerequisites:

Junior status

Credits:

4.00

Description:

This class examines the political ramifications of social movements primarily but not exclusively within the United States. It looks at ideology, beliefs and mechanisms of mobilization. Another important focus is an analysis of non-white social movements in this country and their impact on domestic politics. Among the movements to be examined are: the Pan-African movement 1919-1939 which will, to some extent, take us outside this country; the U.S. Civil Rights Movement 1955 to 1969 which covers the rise of the Black Power movement; and the U.S. Labor Movement 1900 to 1955 in terms of non-white influence on its programmatic goals. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE, BSBA SOCIAL CHANGE

• GVT-469 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.

Type:

Social Science, BSJ SOCIAL SCIENCE

• GVT-489 Islam & Politics

Prerequisites:

not open to freshmen

Credits:

4.00

Description:

This course explores the political and cultural history of Islam, with emphasis on the contemporary Islamic resurgence in Muslim countries. The origins and causes of this resurgence, its aims, and its effects on domestic, regional, and world politics will be examined. Offered as needed. Cultural Diversity B

Type:

Social Science, Cultural Diversity Opt B, Asian Studies

• 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:

Social Science, Expanded Classroom Requirement

or

Any course offered by the department with a focus on international relations

Complementary Major Requirements (8 Credits/2 courses)

Economics (preferably Macroeconomics)

History (non-U.S. History)

These courses may be double-counted to fulfill other degree requirements.

2013-2014 Archived Catalog Information

Government

The undergraduate government major offers a liberal arts education with a focus on the institutions, ideas, and processes of community, national, and international decision making. Students choose one of four tracks, which are described below.

The Department of Government offers undergraduate students an opportunity to enter into the political profession by gaining expertise through a wide range of courses, faculty and student research, and public service. The department also seeks to improve the political process, and to expand public understanding of political issues, institutions, and processes through a variety of public programs, work with the media, the polls conducted by the Suffolk University Political Research Center, and research by its faculty and students.

The department offers a major and a minor, each with a choice of four tracks. The department also collaborates with others to offer majors in Latin American and Caribbean studies and in environmental studies.

The government department offers the undergraduate major in both the BA and, except for Track D, the BS.

Students must do at least 8 credits in residence in the major to graduate.

Waiver of Admissions Examination for MSPS

Students graduating with a major in any government track, and with a cumulative grade point average of at least 3.0, are exempted from the requirement to submit scores from either the Graduate Record Examination or Miller Analogies Test when applying for admission to the Master of Science in Political Science program at Suffolk University.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Track A - Political Science](#)
- [Track B - American Politics and Government](#)
- [Track C - Politics, Law, and the Courts](#)
- [Track D - International Affairs](#)
- [Joint Bachelor's/Master's Degree](#)
- [Interdisciplinary Programs](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Courses](#)

This program provides an accelerated path for undergraduate government majors to obtain a master's degree in government. The GRE is required for all students applying to the accelerated program by the start of the first semester

as full-time graduate students. The GRE will be waived if overall GPA is 3.0 or student is awarded government department honors.

Students are allowed to take up to two master-level courses in their senior year. For each of these graduate courses taken, the student's undergraduate total credit requirement is reduced by four credits. Students do not receive an undergraduate degree at the end of the second semester of their senior year, instead they continue on as degree candidates in the political science MA programs.

Undergraduate students at Suffolk University, majoring in government (BS or BA), can apply for this joint degree program. Applicants must be a rising senior with an overall GPA of 3.0 or higher and a GPA of 3.5 or higher in at least three government major courses taken at Suffolk. Interested students must be nominated by a full-time faculty member in the government department in the form of a written letter of recommendation that is submitted to the director of graduate studies, must complete the standard Application for Graduate Study, must submit a writing sample that is no longer than 20 pages, and must interview with the department's director of graduate studies. The application deadline is June 15th of the junior year. However, students may apply until November 1st of the senior year if they wish to enroll in graduate courses in the second semester of their senior year. Students can take two graduate level classes during their senior year and they can take them 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.

Each student admitted to this joint degree program must meet all the requirements of one of the undergraduate degree programs (BS or BA in Government). In addition, the student must meet all the requirements of one of the master's degree programs (MSPS). Upon successful completion of all of the degree requirements, a student will be conferred one joint degree.

A student may permanently exit the joint degree program and opt to graduate with a bachelor's degree if all the requirements of a bachelor's degree are met, in which case each of the two graduate courses taken in the senior year would be counted as a 4-credit course.

2013-2014 Archived Catalog Information

Government

The undergraduate government major offers a liberal arts education with a focus on the institutions, ideas, and processes of community, national, and international decision making. Students choose one of four tracks, which are described below.

The Department of Government offers undergraduate students an opportunity to enter into the political profession by gaining expertise through a wide range of courses, faculty and student research, and public service. The department also seeks to improve the political process, and to expand public understanding of political issues, institutions, and processes through a variety of public programs, work with the media, the polls conducted by the Suffolk University Political Research Center, and research by its faculty and students.

The department offers a major and a minor, each with a choice of four tracks. The department also collaborates with others to offer majors in Latin American and Caribbean studies and in environmental studies.

The government department offers the undergraduate major in both the BA and, except for Track D, the BS.

Students must do at least 8 credits in residence in the major to graduate.

Waiver of Admissions Examination for MSPS

Students graduating with a major in any government track, and with a cumulative grade point average of at least 3.0, are exempted from the requirement to submit scores from either the Graduate Record Examination or Miller Analogies Test when applying for admission to the Master of Science in Political Science program at Suffolk University.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Track A - Political Science](#)
- [Track B - American Politics and Government](#)
- [Track C - Politics, Law, and the Courts](#)
- [Track D - International Affairs](#)
- [Joint Bachelor's/Master's Degree](#)
- [Interdisciplinary Programs](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Courses](#)

Latin American and Caribbean Studies

The government department participates in the [Latin American and Caribbean Studies](#) interdisciplinary major and minor.

Environmental Studies

The government department participates in the [environmental studies](#) interdisciplinary major and minor.

2013-2014 Archived Catalog Information

Government

The undergraduate government major offers a liberal arts education with a focus on the institutions, ideas, and processes of community, national, and international decision making. Students choose one of four tracks, which are described below.

The Department of Government offers undergraduate students an opportunity to enter into the political profession by gaining expertise through a wide range of courses, faculty and student research, and public service. The department also seeks to improve the political process, and to expand public understanding of political issues, institutions, and processes through a variety of public programs, work with the media, the polls conducted by the Suffolk University Political Research Center, and research by its faculty and students.

The department offers a major and a minor, each with a choice of four tracks. The department also collaborates with others to offer majors in Latin American and Caribbean studies and in environmental studies.

The government department offers the undergraduate major in both the BA and, except for Track D, the BS.

Students must do at least 8 credits in residence in the major to graduate.

Waiver of Admissions Examination for MSPS

Students graduating with a major in any government track, and with a cumulative grade point average of at least 3.0, are exempted from the requirement to submit scores from either the Graduate Record Examination or Miller Analogies Test when applying for admission to the Master of Science in Political Science program at Suffolk University.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Track A - Political Science](#)
- [Track B - American Politics and Government](#)
- [Track C - Politics, Law, and the Courts](#)
- [Track D - International Affairs](#)
- [Joint Bachelor's/Master's Degree](#)
- [Interdisciplinary Programs](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Courses](#)

All government minors must complete the two required core minor requirements, as well as three additional courses in their chosen track (a total of 20 credits/5 courses).

Core Minor Requirements (8 credits/2 courses)

- 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:

Social Science,BSJ SOCIAL SCIENCE

- GVT-120 Research Methods

Credits:

4.00

Description:

Building on the skills learned in GVT 110, 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:

Social Science

Track A: Minor in Political Science (12 credits/3 courses)

- GVT-276 Political Theory

Prerequisites:

Sophomore standing

Credits:

4.00

Description:

Political thought and philosophy from antiquity to the present, including such thinkers as Aristotle, Locke, Marx and Nietzsche. The course will highlight major watersheds in political theory such as the Renaissance and the Reformation, and will also examine non-Western traditions. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

GVT Elective

And one of the following:

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-243 American Constitutional Law**

Prerequisites:

not open to freshmen

Credits:

4.00

Description:

The growth of Constitutional law and the role of the Supreme Court is examined by analysis of court decisions dealing with Judicial Review, Federalism, Presidential and Congressional powers. Normally offered every year.

Type:

- **GVT-261 Theory & Practical International Relations**

Prerequisites:

GVT 110, 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.

Type:

Social Science

- **GVT-281 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:

Social Science,BSJ SOCIAL SCIENCE

Track B: Minor in American Politics and Government (12 credits; 3 courses)

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

GVT Elective

And one of the following:

- **GVT-243 American Constitutional Law**

Prerequisites:

not open to freshmen

Credits:

4.00

Description:

The growth of Constitutional law and the role of the Supreme Court is examined by analysis of court decisions dealing with Judicial Review, Federalism, Presidential and Congressional powers. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

Track C: Minor in Politics, Law, and the Courts (12 credits/3 courses)

- **GVT-243 American Constitutional Law**

Prerequisites:

not open to freshmen

Credits:

4.00

Description:

The growth of Constitutional law and the role of the Supreme Court is examined by analysis of court decisions dealing with Judicial Review, Federalism, Presidential and Congressional powers. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

GVT Elective

Track D: Minor in International Affairs (12 credits/3 courses)

• GVT-261 Theory & Practical International Relations

Prerequisites:

GVT 110, 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.

Type:

Social Science

• GVT-281 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:

Social Science,BSJ SOCIAL SCIENCE

GVT elective from group A: Country/Area Studies, or group B: Issues

NOTE: The department offers all core requirements for the majors and minors at least once every academic year, but does not offer all of the core requirements each semester. Track requirements are also taught frequently but may only be offered in alternate years. Students are advised to complete track requirements as they are offered, and to make these courses, rather than electives, their first priority.

2013-2014 Archived Catalog Information

Government

The undergraduate government major offers a liberal arts education with a focus on the institutions, ideas, and processes of community, national, and international decision making. Students choose one of four tracks, which are described below.

The Department of Government offers undergraduate students an opportunity to enter into the political profession by gaining expertise through a wide range of courses, faculty and student research, and public service. The department also seeks to improve the political process, and to expand public understanding of political issues, institutions, and processes through a variety of public programs, work with the media, the polls conducted by the Suffolk University Political Research Center, and research by its faculty and students.

The department offers a major and a minor, each with a choice of four tracks. The department also collaborates with others to offer majors in Latin American and Caribbean studies and in environmental studies.

The government department offers the undergraduate major in both the BA and, except for Track D, the BS.

Students must do at least 8 credits in residence in the major to graduate.

Waiver of Admissions Examination for MSPS

Students graduating with a major in any government track, and with a cumulative grade point average of at least 3.0, are exempted from the requirement to submit scores from either the Graduate Record Examination or Miller Analogies Test when applying for admission to the Master of Science in Political Science program at Suffolk University.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Track A - Political Science](#)
- [Track B - American Politics and Government](#)
- [Track C - Politics, Law, and the Courts](#)
- [Track D - International Affairs](#)
- [Joint Bachelor's/Master's Degree](#)
- [Interdisciplinary Programs](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Courses](#)

Government majors in all tracks who have an overall GPA of 3.0 and a GPA of 3.4 or better in the major will be eligible for honors. To achieve honors a student must write a senior thesis, under the direction of a faculty member of their choice. The topic of the thesis will be agreed upon by the student and faculty member. The student must register for a

thesis course (GVT 555), in the first semester of the senior year. Once the course is completed, the student must submit the thesis to the department's honors committee. All work must be submitted 5-6 weeks before the end of the student's final semester. The committee will review each submission and examine each candidate during an oral presentation. The committee will determine whether or not the work submitted qualifies the student for departmental honors. The student will receive credit for the thesis course, whether or not honors are awarded. Applicants must have completed a minimum of two substantive upper level courses in the government department at Suffolk University prior to registering for GVT 555.

In special circumstances, particularly relating to transfer students, departmental honors may be awarded to a student who has not taken the thesis course or written a thesis. A senior may petition the honors committee for this option.

2013-2014 Archived Catalog Information

Government

The undergraduate government major offers a liberal arts education with a focus on the institutions, ideas, and processes of community, national, and international decision making. Students choose one of four tracks, which are described below.

The Department of Government offers undergraduate students an opportunity to enter into the political profession by gaining expertise through a wide range of courses, faculty and student research, and public service. The department also seeks to improve the political process, and to expand public understanding of political issues, institutions, and processes through a variety of public programs, work with the media, the polls conducted by the Suffolk University Political Research Center, and research by its faculty and students.

The department offers a major and a minor, each with a choice of four tracks. The department also collaborates with others to offer majors in Latin American and Caribbean studies and in environmental studies.

The government department offers the undergraduate major in both the BA and, except for Track D, the BS.

Students must do at least 8 credits in residence in the major to graduate.

Waiver of Admissions Examination for MSPS

Students graduating with a major in any government track, and with a cumulative grade point average of at least 3.0, are exempted from the requirement to submit scores from either the Graduate Record Examination or Miller Analogies Test when applying for admission to the Master of Science in Political Science program at Suffolk University.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Track A - Political Science](#)
- [Track B - American Politics and Government](#)
- [Track C - Politics, Law, and the Courts](#)
- [Track D - International Affairs](#)
- [Joint Bachelor's/Master's Degree](#)
- [Interdisciplinary Programs](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Courses](#)

Pi Sigma Alpha

The National Political Science Honor Society Sigma Lambda Chapter Suffolk University

Pi Sigma Alpha is the national political science honor society. To be eligible for membership as an undergraduate, you must have earned at least 10 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.

2013-2014 Archived Catalog Information

Government

The undergraduate government major offers a liberal arts education with a focus on the institutions, ideas, and processes of community, national, and international decision making. Students choose one of four tracks, which are described below.

The Department of Government offers undergraduate students an opportunity to enter into the political profession by gaining expertise through a wide range of courses, faculty and student research, and public service. The department also seeks to improve the political process, and to expand public understanding of political issues, institutions, and processes through a variety of public programs, work with the media, the polls conducted by the Suffolk University Political Research Center, and research by its faculty and students.

The department offers a major and a minor, each with a choice of four tracks. The department also collaborates with others to offer majors in Latin American and Caribbean studies and in environmental studies.

The government department offers the undergraduate major in both the BA and, except for Track D, the BS.

Students must do at least 8 credits in residence in the major to graduate.

Waiver of Admissions Examination for MSPS

Students graduating with a major in any government track, and with a cumulative grade point average of at least 3.0, are exempted from the requirement to submit scores from either the Graduate Record Examination or Miller Analogies Test when applying for admission to the Master of Science in Political Science program at Suffolk University.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Track A - Political Science](#)
- [Track B - American Politics and Government](#)
- [Track C - Politics, Law, and the Courts](#)
- [Track D - International Affairs](#)
- [Joint Bachelor's/Master's Degree](#)
- [Interdisciplinary Programs](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Courses](#)
- 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.

Type:

Social Science

- **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.

Type:

Cultural Diversity Opt A

- **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 Civil 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.

Type:

Social Science

- **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.

Type:

Social Science

- **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**

Prerequisites:

Take ALS-264 or ALS-360;

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-374 Torts: Personal Injury Law**

Prerequisites:

Take ALS-362;

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-377 Pol of Regulation, Product Liability Litigation & Tort Reform**

Credits:

4.00

Description:

The law dictates that corporations, arguably the most influential institutions of our time, can have only one goal: to maximize profits for their shareholders. Corporations have no general legal or moral obligation to the well-being of society or individual consumers. This means that, if corporations are to be restrained from maximizing profit by harming the public good, they must be regulated. When regulation fails, and dangerous products make it into the marketplace, consumers who are harmed can bring product liability lawsuits. Despite these facts, massive deregulation has occurred in the U.S. and tort reform threatens the ability of consumers to bring product liability lawsuits. Using the food and tobacco industries as case studies, we will examine the history of deregulation and

tort reform and answer the following question: How can law and government be used to protect society and consumers by regulating a system programmed to ignore the welfare of everyone except shareholders?

- **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

Type:

Expanded Classroom Requirement

- **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

Type:

Cultural Diversity Opt 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.

Type:

Social Science

- **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.

Type:

Social Science

- **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.

- **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:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-H110 Honors Intro to American Democracy**

Credits:

4.00

Description:

Special honors section of GVT 110. Offered every fall.

Type:

Social Science

- **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

- **GVT-120 Research Methods**

Credits:

4.00

Description:

Building on the skills learned in GVT 110, 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:

Social Science

- **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:

Social Science

• GVT-201 Statistics for Political Science

Prerequisites:

Sophomore Standing GVT 110 and 120 and Math 130 or higher.

Credits:

4.00

Description:

This course is an introduction to statistics and empirical research methods generally used in political science. The course will emphasize the use of statistics and its value in substantive political science research. Statistics is a tool for drawing conclusions and making inferences from observable evidence. As well, the specification of conditions under which evidence is observed affects the conclusions and arguments that political scientists draw about how social and political processes work. The purpose of this course is to equip students with tools to interpret and conduct original data analysis, critique and make an argument based on data, and provide a view into the process of political science research and how political scientists use statistical methods and research design to answer substantive questions about politics. Since most applied data analysis utilizes data management software, students will learn how to use SPSS as a tool for conducting data analysis. Prerequisites: Sophomore Standing, GVT 110 and 120 and Math 130 or instructor's consent. 1 term - 4 credits.

Type:

Quantitative Reasoning

• GVT-203 Women in World Politics

Credits:

4.00

Description:

The relationship of women to their political culture and structures. The role of women seen in theory (e.g., Marxism, American feminism, existentialism) and in global comparative analysis. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE, BSBA SOCIAL CHANGE

- **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

Type:

Cultural Diversity Opt A, Social Science, BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science, BSJ SOCIAL SCIENCE

- **GVT-224 American Politics & 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-240 Acts of Courage and Political Conscience**

Credits:

4.00

Description:

This course will explore the actions and words of a range of individuals who dared to be different in the hope of having an impact on U. S. politics and society. The expression of their views and actions may have initially been rejected. In other cases, their views served as catalysts for change.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-243 American Constitutional Law**

Prerequisites:

not open to freshmen

Credits:

4.00

Description:

The growth of Constitutional law and the role of the Supreme Court is examined by analysis of court decisions dealing with Judicial Review, Federalism, Presidential and Congressional powers. Normally offered every year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-261 Theory & Practical International Relations

Prerequisites:

GVT 110, 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.

Type:

Social Science

• GVT-276 Political Theory

Prerequisites:

Sophomore standing

Credits:

4.00

Description:

Political thought and philosophy from antiquity to the present, including such thinkers as Aristotle, Locke, Marx and Nietzsche. The course will highlight major watersheds in political theory such as the Renaissance and the Reformation, and will also examine non-Western traditions. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• 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

Type:

Cultural Diversity Opt A,Social Science,BSJ SOCIAL SCIENCE

• GVT-280 Law, Public Policy, and Psychology

Credits:

4.00

Description:

The law affects and is affected by public policy. Beyond this, the law affects, and is affected by, many other disciplines. Understanding the evolving relationship among public policy, law and psychology in the US is integral to both disciplines. This course explores contemporary forensic psychology's role in the legal system - e.g., jury selection; expert witnesses; biases; crime control vs. due process, etc. through readings, class discussion, occasional audio-visual material and guest speakers if and when appropriate and available. Normally offered every other year.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-281 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:

Social Science,BSJ SOCIAL SCIENCE

• GVT-283 Third World Politics

Credits:

4.00

Description:

Theories dealing with the process of political change in countries of the Third World: the impact of the military, traditional culture and institutions, economic problems, strong personalities and other factors on political life and institutions. Prerequisite: Not open to freshmen. 1 term - 4 credits. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B,Social Science

• 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.

Type:

Social Science

- **GVT-302 Public Relations and Lobbying**

Credits:

4.00

Description:

Methods and practices of interest groups trying to influence legislative and administrative decision making; methods and practices of public agencies trying to influence governmental policies; the military industrial complex and other cases on federal and state levels. Normally Offered every third year.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-303 Documentary Film and the Image of Conflict in the Middle East**

Credits:

4.00

Description:

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

- **GVT-306 Women & Public Policy**

Credits:

4.00

Description:

This course examines women's issues and roles in the public policy process. Topics will include policies that affect women, such as child care and reproductive issues. Emphasis will also be placed on women's roles in the policy process, as citizens, voters, and public officials. Prerequisite: Open to non-majors; not open to freshmen. Normally offered alternate years. Cultural Diversity A

Type:

Social Science,Cultural Diversity Opt A,BSJ SOCIAL SCIENCE

• **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.

Type:

Social Science

• **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.

Type:

Social Science

- **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.

Type:

Social Science

- **GVT-313 The Atlantic Triangle: European Union, United States and Latin America**

Credits:

4.00

Description:

This course examines the main political, economic and social trends in the European Union, Latin America and the United States as well as the multiples interactions among them since the end of the Cold War. The readings are structured in two main sections. After briefly reviewing the historical development of these three partners on both sides of the Atlantic in the past five decades, the first section identifies the key processes that are defining the main characteristics of Europe (deepening vs. widening), United States (isolationism vs. internationalism) and Latin America (democracy vs. social equality). The second part of the course explains the tendencies and contradictions in the construction of the external relations of the European Union towards the United States and Latin America, from the cooperation and competition in development of a safe and free Europe in the 1990s to the acrimonious debate about the 2003 Iraq invasion and the prospects of the 2006 EU-Latin America Vienna Summit, among other important events.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-314 Media, Chaos, and Culture That Changed America

Credits:

4.00

Description:

The overall goal of this course is to understand why 1968 is considered one of the most tumultuous years in the 20th century as regards the news media; music and theater; television and film censorship; and in the shift in culture and mores of an entire subset of the population. The course will focus on specific touchstones that elucidate the communication to both the mainstream public, know broadly as the Silent Majority, and the new emerging 'boomers', whose values and attitudes still drive the media ten years into the 21st century. Students will learn how a single year of media can change forever how one part of a culture views itself, while at the same time discovering how another part of that same culture continues to resist those changes 40 years later. Students will learn how many of the seeds of ideas they take for granted in 2011, including educational and sports equality (Title 9) for women; environmental sensitivity, and gay rights were planted in the print, films and music of 1968, but didn't bloom until the years which followed. Guest speakers, films and lectures will be used to reinforce material from the texts.

Type:

BSJ SOCIAL SCIENCE, Social Science

• 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.

Type:

Social Science, BSJ SOCIAL SCIENCE

• GVT-324 The 1st Amendment in the Internet Age

Credits:

4.00

Description:

Defamation, privacy, copyright, pornography, incitement to lawless conduct and harassment are six areas in which first Amendment freedoms historically have been constrained to some degree. The constraints have been worked out largely through judicial decisions issued over the last century. This course would look at the traditional interests that were balanced to produce the constraints, the Internet's impact on those interests and whether the impact suggests the need for rebalancing.

Type:

BSJ SOCIAL SCIENCE, Social Science

• **GVT-325 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-328 American Law, Government and Policy**

Prerequisites:

Prerequisites: Not open to freshmen

Credits:

4.00

Description:

This course provides an overview of the legal system in the United States of America, in connection with the role of the Federal and State government and their policy. This course is designed for undergraduate and graduate students. During the semester, we will explore a variety of issues involving the legal system of the United States and how it affects local and federal government.

Type:

Social Science, BSJ SOCIAL SCIENCE

• **GVT-329 Law for Environmental Protection and Pollution Prevention**

Credits:

4.00

Description:

A course about how the constitution, common law and statutory law provide for environmental protection and pollution prevention. Students will learn basic skills needed to understand how environmental law works, including constitutional clauses and amendments, landmark civil litigation, the Clean Water Act, the Clean Air Act, landmark civil litigation, and hazardous waste law.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-333 Conspiracy in American Politics and Culture**

Credits:

4.00

Description:

This basis of this course will be in-depth examinations of various conspiracies in American Politics and Culture, beginning with the Salem Witch Trials through the Lincoln Assassination Conspiracy and the Sacco & Vanzetti case through the present day. Present day conspiracies will include an examination of the JFK and RFK Assassinations, the Pentagon Papers case, the Watergate Conspiracy, the Iran/Contra scandal, Whitewater and the Vast Right Wing Conspiracy," the World Trade Center bombing, the Oklahoma City Bombing, Global Warming, and the 9/11 Investigation.

Type:

BSJ SOCIAL SCIENCE,Social Science

- **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 (tabacco 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-336 Political Leadership**

Credits:

4.00

Description:

This course begins with the premise that leadership is a continuous process, and that leadership can be studied, analyzed, and learned, across the public (as well as private for profit, and private non-profit) sectors. The first half of the course will, following the Northouse, Burns, and Gardner texts, delve into various theories of leadership, including the traits, skills, style, and situational approaches. We will also cover gender differences in leadership studies, and leadership ethics. The second half of the course will deal with transformational leadership, and real life (historical and recent) examples of political leadership, including Nelson Mandela, J. Robert Oppenheimer, George Washington, Margaret Thatcher, and others. There will also be in-class discussions on current challenges in public policy, asking students to envision what leadership skills they have studied that could come into play in solving these public policy challenges. During the second half of the course, students will be required to interview a leader of their choice, and, utilizing the material covered during the course, write a paper based on the interview.

Type:

BSJ SOCIAL SCIENCE, Social Science

• **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.

Type:

Social Science, BSJ SOCIAL SCIENCE

• **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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-343 State Court Process & Policy**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

Contemporary state court processes, progress and problems including trial and appellate court practice, procedure and participants; plea bargaining, alternative dispute resolution; policy making. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-344 Unleashing Legislative and Community Activism**

Credits:

4.00

Description:

This course will teach the students the importance of legislative advocacy to effect political and policy change and the important role advocacy plays in making our democracy transparent and accessible. The course will explore the various role and interplay between the political branches and the functions they perform individually as part of the overall democratic/political system. Through a combination of lecture, guest speakers, observation attendance at legislative sessions and hearing; and journal keeping, students will learn and see first-hand how local government, grassroots organizations, media, and one citizen can bring about change, solve problems, and make a positive contribution to our community.

Type:

BSJ SOCIAL SCIENCE, Social Science

- **GVT-345 New Directions in Advocacy and Lobbying**

Credits:

4.00

Description:

In this course we will examine the latest developments in interest group politics, including trends in grassroots organization, mobilization, and lobbying; fundraising; advocacy by nonprofit organizations; the growth of issues management; changing regulations; ethical considerations; and the evolving relationships between advocacy and electoral organizations. We will make extensive use of amateur and professional advocates and lobbyists as guest speakers. Students will be expected to write a research paper on some aspect of the current politics of advocacy and lobbying.

Type:

BSJ SOCIAL SCIENCE, Social Science

- **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.

Type:

Social Science, BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **GVT-348 Law, Race and Gender**

Prerequisites:

GOV 110, GVT 120, or instructor's consent

Credits:

4.00

Description:

Covers the 13th, 14th, and 15th amendments, known as the Reconstruction amendments. This course focuses upon these three critical amendments, with an eye towards their importance in framing race-based rights, and the 14th with regard to gender-based rights. It emphasizes the politics of these amendments' language, ratification, and impact (including their 130-year interpretation by the Supreme Court.) The course treats the U.S. Constitution dynamically, as a political and social educator. It also examines the extent to which the Constitution could be viewed as race- or gender-blind.

Type:

Cultural Diversity Opt A,Social Science,BSJ SOCIAL SCIENCE

• **GVT-350 Inside Massachusetts Community Courts**

Credits:

4.00

Description:

The object of this course is to teach the students the history of the District and Municipal Courts of the Commonwealth of Massachusetts and the important role they play in their respective communities throughout the state. The course will explore the various departments within each court and the functions they perform individually and as part of the overall court system. Through a combination of lecture, guest speakers, courtroom

observation and journal keeping, students will learn and see first-hand how the local community courts dispenses justice, solves problems and makes a positive contribution to the communities they serve.

Type:

BSJ SOCIAL SCIENCE, Social Science

- **GVT-352 Constitutional Reform**

Prerequisites:

GVT 110, 120, 243, and 244 or instructor's permission

Credits:

4.00

Description:

A critical analysis of whether our constitutional system is adequate to effectively resolve the new and complex problems of governance in this century. The strengths and weaknesses of governmental structure created by the U.S. Constitution will be examined. Past and current amendment proposals will receive special attention. Normally offered alternate years.

Type:

Social Science, BSJ SOCIAL SCIENCE

- **GVT-353 Politics in Film**

Prerequisites:

SOPH STANDING REQUIRED

Credits:

4.00

Description:

A country's popular culture offers significant and accurate insights into the political values, attitudes and beliefs of its people at a given point in time. One form of popular culture, films, can be a powerful disseminator of political messages. This course will examine a number of different eras and political themes as they have been reflected through films in the U.S. Open to non-majors.

Type:

Social Science, BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-357 Urban Politics & Government

Prerequisites:

GVT 110/120 OR INSTRUCTOR'S PERMISSION Junior status or above

Credits:

4.00

Description:

This course examines the political process and problems characteristic of big cities in the United States today. Students are encouraged to do individual and group research on specific urban political topics. Normally offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-358 Politics and the Media

Prerequisites:

GVT 110 OR GVT 120

Credits:

4.00

Description:

This course will explore the influence of the media on contemporary political issues and public opinion; and the use of media in political campaigns, advertising, etc. Topics may include the impact of talk radio", the issue of the media bias, the role of television, the Hollywood connection", etc. Normally offered alternate years.

Type:

- **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

Type:

Humanities & History,Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-366 Massachusetts Legislative Process**

Prerequisites:

GVT 110 OR GVT347; SOPH STANDING

Credits:

4.00

Description:

This course examines fundamental framework, legislative oversight of the Executive Branch and basic functions of the Massachusetts Legislative. Special emphasis will be placed on gaining a practical understanding of the Massachusetts legislative process. Students are encouraged to explore the methods by which the major legislative measures are undertaken, various roles of legislative leaders, committee hearings and the procedures that are used under the Massachusetts General Laws. Open to non-majors. Offered alternate years.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-382 Crisis and Integration in Europe

Prerequisites:

Junior status or above

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.

Type:

Social Science

• 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

Type:

Cultural Diversity Opt B, Social Science

- **GVT-384 U.S. and 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.

Type:

Social Science, BSJ SOCIAL SCIENCE

- **GVT-385 Politics of Russia and the Former Soviet Republics**

Prerequisites:

Not open to freshmen.

Credits:

4.00

Description:

This course will examine political and economic institutions of newly independent entities from Kazakhstan to the Baltics. It will include historical roots of the Soviet Union from the Russian Revolution through the Gorbachev years. Attention will be paid to Marxist theory and non-Marxist challenges for the economy of the area as well as the state. While some attention will be paid to foreign relations of the former Soviet Union and the current regimes with Western Europe and the U.S. and elsewhere, the major emphasis will be on domestic policy on citizens of the former Soviet Union. Normally offered alternate years.

Type:

Social Science

- **GVT-387 Reconciliation and Conflict in Central America**

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:

Cultural Diversity Opt B, Social Science

• GVT-388 The United States and East Asia

Credits:

4.00

Description:

This course will examine US relations with East Asia through the lens of leading International Relations theories. We will analyze the growing regional influence of China, and will also examine the foreign policies of major regional powers including South and North Korea, Japan, and Taiwan. By exploring the economic and political factors that are working to shape the dynamic East Asian regional order, we will gain an understanding of the challenges faced by the US in this economically and strategically pivotal region.

Type:

BSJ SOCIAL SCIENCE, Social Science

• 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-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.

Type:

Social Science

- **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

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE

- **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.

Type:

Cultural Diversity Opt B, Social Science

- **GVT-394 Nation Building and International Intervention**

Credits:

4.00

Description:

What is the role of the international community in nation building? Who are the key nation building actors? Who should pay for nation building? How long should it take? And what are the main reasons for success and failure in nation building? This course will investigate these questions, looking especially at the cases of the former Soviet Central Asia and Afghanistan. Students will learn about one of the most pressing issues of the contemporary world, with an eye toward helping students navigate a globalized world.

Type:

BSJ SOCIAL SCIENCE, Social Science

- **GVT-398 Terrorism and Extremism in South and Central Asia**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This course discusses terrorism and extremism in South and Central Asia as forms of political violence and its effects on the security of the region and the world. Students will develop a working definition of terrorism and extremism and analyze tenets of states security policies. They will study the history of origin, political, economic and social causes of terrorism, the nature of Islamist terrorist organizations, their strategic goals, motivations, and the threats they pose to peace and development from the point of view of international relations and comparative politics. On the base of case studies and class discussions, students examine theories and instances of ideological, religious, and political extremism as a foundation for terrorism. Through thorough investigation of different cases students will acquire unique knowledge of the Al-Qaeda threat in Pakistan, Afghanistan and Central Asia, as well as activities of groups as the Islamic Movement of Uzbekistan, Lashkar-e-Taiba and others.

• GVT-399 Politics of Ethnic Conflict

Prerequisites:

SOPH STANDING REQUIRED

Credits:

4.00

Description:

The course will survey various theories of nationalism and ethnic conflict and test their applicability to a number of contemporary cases. After a look at the sources of ethnic conflict within a particular country we will examine the way in which the international system reacted. Special attention will be paid to conflicts that have or have had a U.S. diplomatic dimension, namely Northern Ireland and Israel/Palestinian territories. Open to non-majors.

Type:

Social Science,BSJ SOCIAL SCIENCE

• 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 with 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:

Social Science,BSJ SOCIAL SCIENCE

• GVT-403 Government 2.0

Credits:

4.00

Description:

What is the next version of government? How will emerging technologies impact how governments at all levels function? What are government leaders (elected and otherwise) doing to transform the way government operates? This course will cover the historical applications of technology in government, pointing to various models used by all levels of government (Federal, State, and Local). National and international e-Government examples and case studies will be examined to show the most and least effective implementations. It will primarily be a discussion about what Gov 2.0 has meant and will mean as new technologies emerge.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-410 Politics of Korea

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:

Social Science,Asian Studies

• GVT-411 Politics of North Korea

Credits:

4.00

Description:

This course focuses on the historical origins, evolution, and current trajectory of the North Korean state. 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 North Korea's relationship with regional and world powers and examining the origins, history, and implications of their nuclear weapons program. Students will be expected to demonstrate their ability to apply theoretical and historical knowledge toward analyzing the rapidly evolving landscape of contemporary issues related to North Korea.

Type:

Social Science

• GVT-420 German Greens and Environmentalism

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g., alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-listed GER 420 and ENST 420

Type:

Social Science,BSBA SOCIAL CHANGE

• **GVT-428 Congressional Parties, Leadership, & Public Policy**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This course focuses on the Congressional leadership, parties in Congress and their impact on political interactions, and public policy. The course will examine the relationship between the leadership in the Congress and the powerful elements in the House and Senate such as committee chairmen and the party caucuses as well as the media and lobbyists. Emphasis is on the decades long trend toward greater political polarization and its impact on the ability of the institution to respond effectively current national problems.

• **GVT-429 Congress and the Federal Budget: Procedure, Politics & Public Policy**

Prerequisites:

Take GVT-110

Credits:

4.00

Description:

Focus is on the federal budget process, political interactions, and public policy outcomes. The budget represents nearly one-quarter of GDP making those decisions central to the functioning of our democracy and the health of our economy. Emphasis is on the Congressional budget process, appropriations process, and revenue decision-making because the Constitution establishes Congress as the guardian of the nation's purse strings.

Type:

BSJ SOCIAL SCIENCE,Social Science

- **GVT-431 Congress: the Broken Branch**

Prerequisites:

TAKE GVT 110

Credits:

4.00

Description:

This course will examine the changes in the US Congress in recent years, as both party unity and party polarization have grown, with particular attention to the evolution of Senate rules as the need for a 60-vote majority has become a given.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-432 Legal Issues in Campaign and Elections**

Credits:

4.00

Description:

This course will explore legal issues affecting campaigns and elections. Among the topics covered will be the legal requirements to qualify for the ballot, campaign finance laws, challenges to candidates and ballot questions, and election recounts. Special emphasis will be given to the 2000 Presidential Recount in Florida.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-434 Immigration Policy and Politics**

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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-435 Race and Public Policy**

Prerequisites:

GVT 110 OR GVT 120 OR GVT 223 OR GVT 224

Credits:

4.00

Description:

Public policy's impact on Blacks Chicano's, Native Americans Puerto Ricans, and other minority groups; how public policy has contributed to racial oppression; policies for attaining racial equality; political strategies of minority groups. Cultural Diversity A

Type:

Cultural Diversity Opt A,Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

- **GVT-438 Environmental Policy & Politic**

Prerequisites:

This course will have a service learning component Sophomore 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-439 Global Environmental Threat**

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:

Social Science,BSJ SOCIAL SCIENCE

• 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-452 Boston's Future: Local Politics in a Global Context

Credits:

4.00

Description:

This year, Boston's longest-serving mayor of 20 years, Thomas Menino, announced he would not seek re-election. Twelve candidates are now vying to be mayor of Boston. Boston is among the most educated cities and is an epicenter for research and development, building an innovation economy of engagement, community networks, and collaboration. Yet it faces a variety of challenges. Boston also counts itself as third most unequal cities in the United States in terms of income inequality. Can Boston sustain its success while also lifting more of its population out of poverty? This course examines these questions by focusing attention on the 2013 mayoral

election. What prescriptions for success and visions for the future of Boston do the various candidates offer? What constituencies vote? How will the successful candidate craft a winning coalition? Guest speakers, including candidates, local media analysts, and policy makers will highlight key aspects of the urban issues we will examine. Neighborhood visits and a variety of readings will round out the course. For any student interested in the interplay between politics, local government and the global economy, this course is for you.

- **GVT-458 Fundamentals of Political Fundraising**

Prerequisites:

Junior standing

Credits:

4.00

Description:

Political campaigns aim for votes, but they run on money. This course will introduce students to the basic elements of political fundraising: how to identify potential donors, small personal appeals through events to direct mail, along with the basic legal rules about fundraising, such as contribution limits, record keeping and reporting requirements. Students in this course will also examine the influence of money and PACs on politics and public policy, and will consider the relative advantages and disadvantages of other possible systems of campaign finance, both as practiced today in other countries and as proposed by reformers in the United States.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-462 Approaches to Foreign Politics & Diplomacy**

Prerequisites:

GVT 261. Junior status or above

Credits:

4.00

Description:

The objective of this course is to analyze the mechanisms and processes of diplomacy. It provides a sense of the evolution of statecraft, and it seeks to assess the utility of different approaches to the development of foreign policy and to examine the successes and failures of these approaches in different circumstances. Prerequisite: GVT 281 or instructor's consent. Open only to Juniors and Seniors. 1 term - 4 credits.

Type:

Social Science

- **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.

Type:

Social Science

• **GVT-465 International and Transnational Organizations**

Prerequisites:

GVT-261

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.

Type:

Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

• **GVT-466 Globalization, Regionalization and Sovereignty**

Prerequisites:

GVT 261

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.

Type:

Social Science

• **GVT-467 Comparative Social Movements**

Prerequisites:

Junior status

Credits:

4.00

Description:

This class examines the political ramifications of social movements primarily but not exclusively within the United States. It looks at ideology, beliefs and mechanisms of mobilization. Another important focus is an analysis of non-white social movements in this country and their impact on domestic politics. Among the movements to be examined are: the Pan-African movement 1919-1939 which will, to some extent, take us outside this country; the U.S. Civil Rights Movement 1955 to 1969 which covers the rise of the Black Power movement; and the U.S. Labor Movement 1900 to 1955 in terms of non-white influence on its programmatic goals. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE, BSBA SOCIAL CHANGE

• **GVT-468 UN & Humanitarian Governance**

Prerequisites:

Junior Standing or Instructor's consent. Ends April 20, 2010.

Credits:

4.00

Description:

This seminar will explore actors and issues in the context of the United Nations system in connection with humanitarian governance challenges. We will examine theoretical, political, legal issues and institutional issues,

then analyze protection, civil-military relations in peace operations. UN and other peace operations and responsibility to protect will be analyzed, and hard choices for all those who wish that globalization should be more humane, and who are interested to confront moving targets and evolving challenges of humanitarian governance, including dilemmas of not doing harm, when intending to do good", in international humanitarian engagement. With humanitarian action's new power comes knowledge that even the most well-intentioned projects can create as many problems as they solve. Are unforeseen consequences, blind spots, and biases of humanitarian work--from focusing too much on rules and too little on results? Students are expected to actively participate in interactive, visual and practical simulation exercises and role plays of humanitarian emergency operations Previous relevant knowledge/experience desirable.

Type:

Social Science

• GVT-469 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• GVT-471 Topics in Democracy

Prerequisites:

take gvt-110, gvt-120, or instructor's consent for non majors. Junior status or above

Credits:

4.00

Description:

In this course, students will have an opportunity to examine the basic foundations of the democratic theory and practice. Specifically, this course will focus on building blocks of a democratic relationship between people and government, including transparency, accountability, accessibility, and opportunities for effective advocacy and participation. Both classical and modern authors who have weighed in on these issues will be discussed. Normally offered alternate years.

Type:

- **GVT-472 East Germany and the Cold War**

Credits:

4.00

Description:

When the German Democratic Republic was founded in 1949, observers in the West viewed it as an artificial construct created to serve the needs of the Soviet empire. The self-image of the GDR as created by its leadership revolved around the idea of an anti-fascist German state designed as a bulwark against any revival of National Socialism. Over a generation after the fall of the Berlin Wall, it is possible to undertake a dispassionate analysis of the forty-year history of the "other" German state as manifested in its cultural identity and political role during the Cold War.

Type:

Social Science

- **GVT-482 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.

Type:

Social Science

- **GVT-485 Politics and International Relations of The Middle East**

Prerequisites:

TAKE GVT-281 OR INSTRUCTOR'S CONSENT

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

Type:

Cultural Diversity Opt B, Social Science

- **GVT-489 Islam & Politics**

Prerequisites:

not open to freshmen

Credits:

4.00

Description:

This course explores the political and cultural history of Islam, with emphasis on the contemporary Islamic resurgence in Muslim countries. The origins and causes of this resurgence, its aims, and its effects on domestic, regional, and world politics will be examined. Offered as needed. Cultural Diversity B

Type:

Social Science, Cultural Diversity Opt B, Asian Studies

- **GVT-492 Islamic Political Thought**

Credits:

4.00

Description:

What is the relationship between philosophy and Islam? Does the divine law (Shari'a) need to be supplemented with purely rational reflections on the nature and purpose of political life? What is the place of toleration and individual rights in the Islamic legal and philosophic tradition? We will explore these and similar questions by focusing on two particularly fertile periods of Islamic thought--the encounter of Islam with Greek philosophy in the classical period and its encounter with modern secular West in late modernity.

Type:

Social Science

- **GVT-503 Washington Academic Seminar I**

Prerequisites:

This course fulfills the Expanded Classroom Requirement. Instructor's consent is required.

Credits:

4.00

Description:

An intensive off-campus experience, normally of two-weeks duration, arranged through a qualified agency in Washington, D.C. Topics vary. Students will be graded by both an on-site evaluator and an assigned Government Department faculty member. Students are normally required to keep a journal of the off-campus experience and to write a significant research paper based on the topic of the academic seminar upon their return.

Type:

Social Science, Expanded Classroom Requirement

• **GVT-504 Washington Academic Seminar II**

Prerequisites:

Requires Instructor's consent

Credits:

1.00- 2.00

Description:

An off-campus experience, normally of one-week duration, arranged through a qualified agency in Washington D.C. Topics vary. Students will be graded by both an on-site evaluator and an assigned Government Department faculty member. A writing assignment is usually required upon completion of the seminar.

Type:

Social Science

• **GVT-506 Political Convention Program**

Credits:

6.00

Description:

An opportunity to do an internship through the Washington Center at either the Republican National Convention or the Democratic National Convention. College students will learn what goes on behind the scenes and interact with important public figures that are influential in setting public policy at various levels of government. They spend a week prior to the convention studying the electoral process, familiarizing themselves with conventions operations and preparing for their convention fieldwork assignments. In addition, they 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.

Type:

Social Science

- **GVT-507 Gvt Study Trip: Civil Rights Tour**

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

Type:

Social Science, Expanded Classroom Requirement

- **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:

Social Science, Expanded Classroom Requirement

- **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.

Type:

Social Science

• **GVT-513 The Presidency, Congress & Media**

Prerequisites:

Junior status or above

Credits:

4.00

Description:

This course is fast-paced, highly interactive, multi-media and thought provoking. We apply the traditional academic requirements at The Washington Center, while adding the unique elements that allow you to connect with students at other universities. This course offers interesting guests, lively discussions, thoughtful debates, historic video from C-SPAN and the National Archives. As we examine and analyze the political, legislative and social issues facing our country, we will take an in-depth look at the issues and events shaping the agenda for next Congress & the next round of elections. Our focus will also include the historical process of public policy making, as well as an intense examination on the changing role of media, especially social media, in shaping public opinion.

• **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.

Type:

Social Science

• GVT-521 Internship in Government

Prerequisites:

Junior standing

Credits:

4.00

Description:

Approximately 12 hours a week working in a position that offers the student significant opportunity to learn about politics and/or government. Interested students should consult instructor in advance. ECR

Type:

Social Science, Expanded Classroom Requirement

• GVT-523 Washington Internship

Prerequisites:

Juniors 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

Type:

Social Science, Expanded Classroom Requirement

• GVT-524 Washington Internship

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

8.00

Description:

A full-time summer internship in Washington D.C. Consult the Department for more details. ECR

Type:

Social Science, Expanded Classroom Requirement

- **GVT-525 Washington Internship Seminar**

Prerequisites:

Concurrent enrollment in GVT 523 or GVT 524

Credits:

4.00

Description:

ECR

Type:

Social Science, Expanded Classroom Requirement

- **GVT-526 International Internship-London**

Prerequisites:

Juniors standing; GVT 528 & GVT 529 Concurrent

Credits:

8.00

Description:

A full-time, one-semester International Internship in London.

Type:

Social Science, Expanded Classroom Requirement

- **GVT-527 International Internship-Brussels**

Prerequisites:

Juniors standing; GVT 528 & GVT 529 Concurrent

Credits:

8.00

Description:

A full-time, one-semester International Internship in London.

Type:

- **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

Type:

Social Science, Expanded Classroom Requirement

- **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

Type:

Social Science, Expanded Classroom Requirement

- **GVT-531 Washington/London Internship Program**

Credits:

8.00-12.00

Description:

This course combines a two week seminar in Washington, DC, with a 32 hour per week political internship in London for the rest of the semester. The focus is on understanding British politics and government in a comparative context. Prerequisites: simultaneous enrollment in GVT 528 and consent of instructor. 1 term - 12 credits.

Type:

- **GVT-533 International Internship-Edinburgh**

Prerequisites:

Juniors standing; GVT 528 & GVT 529 Concurrent

Credits:

8.00

Description:

A full-time, one-semester International Internship in London.

Type:

Social Science, Expanded Classroom Requirement

- **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.

Type:

Social Science

2013-2014 Archived Catalog Information

Graphic Design

NESAD offers a BFA in graphic design, a graphic design certificate program, and a minor.

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Graphic Design](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Graphic Design BFA Requirements](#)
- [Certificate Program](#)
- [Graphic Design Minor Requirements for BFA or BA/BS Students](#)
- [Graphic Design Course Descriptions](#)

Graphic Design BFA Requirements

The BFA in Graphic Design consists of 28 courses (88 credits) in the major field.

Courses numbered 200 and above have as a prerequisite the completion of the foundation 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.

First Year

Fall Semester (17 credits)

- **ADF-S101 Foundation Drawing I**

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

- **ADF-S166 2D/Color**

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.

- **ADF-S171 Integrated Studio 1**

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.

- **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

Seminar for Freshmen

Spring Semester (16 credits)

- **ADF-S102 Foundation Drawing II**

Prerequisites:

ADF S101

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 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-S156 Imaging**

Prerequisites:

ADF S166

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-S152 3-Dimensional Design**

Prerequisites:

ADF S151, ADF S551, ADF S166, or ADF S566

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-S172 Integrated Studio 2**

Prerequisites:

ADF S101

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.

- **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

Second Year

Fall Semester (16 credits)

- **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

Type:

Humanities & History, Humanities Literature Requirement

Or

- **ARH-101 Art History I**

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **ADG-S201 Basic Typography**

Prerequisites:

ADF S151

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-S204 Design Beyond Design**

Credits:

3.00

Description:

This multidisciplinary, hybrid course will focus on contemporary trends within Graphic Design. Students will gain understanding through the study of communication and marketing theory case studies and how those theories can be connected to the contemporary issues and topics facing designers today

- **ADG-S206 Graphic Design I**

Prerequisites:

ADF S151

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-S219 Computer Applications in Design**

Prerequisites:

Intended for majors only

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

Spring Semester (17 credits)

- **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

Type:

Humanities & History, Humanities Literature Requirement

Or

- **ARH-102 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:

Humanities & History, Humanities Literature Requirement

- **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 of preparing artwork electronically for printing. Software applications include Adobe Creative Suite: InDesign, Illustrator, and Photoshop. Normally offered fall and spring semesters.

Term:

Offered Spring 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 include societal issues.

Term:

Offered Spring 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 an electronic format. Students will learn how to produce quality type in electronic format as well as experiment with and explore type through electronic manipulation.

Term:

Offered Spring Term

Literature

Third Year

Fall Semester (17 credits)

Studio Elective Natural Science

- **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. Software: Dreamweaver and Photoshop.

- **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 Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **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. Development of visual research and photo reference, thumbnailing and rendering skills for one's presentation of ideas and concepts while designing the proper environment for their illustration will be required.

Term:

Offered Both Fall and Spring

Spring Semester (14 credits)

Studio Elective
Ethical or Philosophical Inquiry
Natural Science

- **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.

Fourth Year

Fall Semester (14 credits)

Studio Elective Art History Elective

- **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-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, and resume preparation.

Term:

Offered Spring Term

Spring Semester (13 credits)

- **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-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 student's intended area of professional concentration, or complete a Thesis Studio (see below). 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. Students with prior documented work experience in the field may be waived from the internship requirement, with the approval of the Graphic Design Program Director.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

Or

ADG S410 Thesis Studio
Social Science
Math or Quantitative Reasoning

BFA PROGRAM TOTAL * 124 credits

Studio Electives (subject to change)

• ADG-S305 Conceptual Typography

Prerequisites:

Take ADG-S202

Credits:

3.00

Description:

This course is designed to build on core typography knowledge and further your 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-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:

Almost everything in our lives is packaged. Peas and automobile accessories, prescription medication, and pearls; virtually every product requires a wrapper, a skin, a form of transport, a package. What you see on store shelves is a result of a complex process, involving the collaborative efforts of graphic designers, package engineers, printers, stylists, photographers and merchandisers. Package design is a team endeavor because in an overcrowded marketplace, it is crucial to a product's success and ultimately to the client's bottom line. 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-S317 Graphic Novel

Prerequisites:

ADF S101 and ADF S102 or portfolio review and instructor permission

Credits:

3.00

Description:

An introduction to comics and the graphic novel as a means of visual narrative and personal expression. The course will identify and examine some of the key principles that make this art form work. A deeper, working understanding of these principles will be gained by applying them to a series of specific narrative projects with stated objectives. Students will have the opportunity to experiment with different visual styles and a variety of materials as they work to develop a personal artistic voice.

Term:

Occasional

• **ADG-S328 Designing for the Greater Good**

Prerequisites:

ADG S207 and ADG S219

Credits:

3.00

Description:

Can designers who work for the greater good still make a good living? In a word, yes. 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, including the Obama campaign, FEED Projects, (RED), and Nike's Considered Program. Field trips are planned throughout the course, including a guided tour and talk at IDEO, one of the leading international design thinking companies.

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 and using specific software 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 Electronic Publication Design**

Prerequisites:

ADG S202 and ADG S207 and ADG S219.

Credits:

3.00

Description:

This course will focus on the skills necessary to create publications such as books, magazines, annual reports and catalogs. The goal of this course is three-fold: to further enhance the understanding of typography in regard to publications, to provide the skills and knowledge necessary to design publications in an electronic environment, and to integrate the students' own art and/or photography in their work.

Term:

Offered Fall Term

- **ADG-S343 Advanced Topics in Interactive Design**

Prerequisites:

ADG-S340;

Credits:

3.00

Description:

This course is designed to follow Web II (ADG S340/ADG S740) and will prepare you for the real-world experiences designers often encounter in the field of interactive media. You will continue your exploration of interactive design and choose a final project direction that furthers your understanding of interactive media. These topics include designing for and implementing Content Management Systems, designing and production for mobile computing platform uses, cross platform compatibility and concepts of information architecture, and designing with an emphasis on market needs for multimedia.

Term:

- **ADG-S348 Advanced Illustration for Designers**

Prerequisites:

ADG S214

Credits:

3.00

Description:

This course focuses on the preparation of illustration for specific markets within the graphic design product development and publishing fields. Independent development and proficiency in a variety of media and the learning of different methods of preparing artwork for reproduction in traditional printed and/or digital environments will be covered. The continuation of the development of a personal sketchbook, photo reference, and the shooting of photographs for research will be further explored.

- **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:

Offered Fall Term

- **ADG-S365 Digital Photography**

Credits:

3.00

Description:

Often mixed with other media, photography has evolved into a major tool for use by the contemporary artist and designer. 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:

Offered Both Fall and Spring

• 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:

Offered Fall Term

• ADG-S370 Artists' Books

Prerequisites:

Take ADG-S202 ADG-S207 ADF-S152; or Instructor's permission.

Credits:

3.00

Description:

Books are vessels of information. They can present your graphic design, photography or fine art, house a cherished collection, and even express non-linear thought. This class will cover traditional book design and construction techniques, as well as contemporary, non-traditional methods. You will learn to blend design, craftsmanship and content to create books that are themselves works of art. This is a hands-on studio course intended for graphic design and fine arts majors.

Term:

Occasional

• ADG-S302 Italian Journal: Painting and Drawing On Paper

Prerequisites:

Instructors Consent

Credits:

3.00

Description:

This course introduces the skills necessary for meeting clients' illustration needs in a variety of media appropriate to context. Florence, Italy and it's 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 outdoors in and around Florence, Italy, Tuscan hill towns and the Veneto exploring basic illustration styles, methods and techniques. This course satisfies the expanded classroom requirement.

Type:

Expanded Classroom Requirement

• ADFA-S251 Printmaking Studio

Prerequisites:

ADF S102

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. Open to NESADSU majors only.

Term:

Offered Fall Term

2013-2014 Archived Catalog Information

Graphic Design

NESAD offers a BFA in graphic design, a graphic design certificate program, and a minor.

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Graphic Design](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Graphic Design BFA Requirements](#)
- [Certificate Program](#)
- [Graphic Design Minor Requirements for BFA or BA/BS Students](#)
- [Graphic Design Course Descriptions](#)

A short-term, part-time, flexible program, the graphic design certificate program is very different from the BFA and is appropriate for those who have some prior college-level background and/or significant employment experience in a related field. Please review both the curricular and admission requirements as outlined in this section of the catalog 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 required 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 design and electronic skills necessary to secure entry-level employment in the graphic/electronic design field.

The certificate is designed as a part-time program and can be completed in two or more years (eight 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 Electronic 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 can be applied toward requirements for graduation. Please note: Credits earned as a continuing education student are considered transfer credits.

It is recommended that students take no more than five years to complete the program.

Certificate Curriculum

Required Courses (36 credits)

- **ADF-S166 2D/Color**

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.

- **ADG-S201 Basic Typography**

Prerequisites:

ADF S151

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-S206 Graphic Design I**

Prerequisites:

ADF S151

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-S219 Computer Applications in Design**

Prerequisites:

Intended for majors only

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-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 an electronic format. Students will learn how to produce quality type in electronic format as well as experiment with and explore type through electronic manipulation.

Term:

Offered Spring 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 include societal issues.

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 of preparing artwork electronically for printing. Software applications include Adobe Creative Suite: InDesign, Illustrator, and Photoshop. Normally offered fall and spring semesters.

Term:

Offered Spring Term

Graphic design studio elective**

or

• **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 student's intended area of professional concentration, or complete a Thesis Studio (see below). 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. Students with prior documented work experience in the field may be waived from the internship requirement, with the approval of the Graphic Design Program Director.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

Graphic design studio elective or**

- **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. Software: Dreamweaver and Photoshop.

- **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-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, and resume preparation.

Term:

Offered Spring Term

Elective courses may be chosen from the following (all are 3 credits):

- **ADG-S302 Italian Journal: Painting and Drawing On Paper**

Prerequisites:

Credits:

3.00

Description:

This course introduces the skills necessary for meeting clients' illustration needs in a variety of media appropriate to context. Florence, Italy and it's 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 outdoors in and around Florence, Italy, Tuscan hill towns and the Veneto exploring basic illustration styles, methods and techniques. This course satisfies the expanded classroom requirement.

Type:

Expanded Classroom Requirement

- **ADG-S305 Conceptual Typography**

Prerequisites:

Take ADG-S202

Credits:

3.00

Description:

This course is designed to build on core typography knowledge and further your 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-S370 Artists' Books**

Prerequisites:

Take ADG-S202 ADG-S207 ADF-S152; or Instructor's permission.

Credits:

3.00

Description:

Books are vessels of information. They can present your graphic design, photography or fine art, house a cherished collection, and even express non-linear thought. This class will cover traditional book design and construction techniques, as well as contemporary, non-traditional methods. You will learn to blend design, craftsmanship and content to create books that are themselves works of art. This is a hands-on studio course intended for graphic design and fine arts majors.

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:

Offered Fall Term

- **ADG-S365 Digital Photography**

Credits:

3.00

Description:

Often mixed with other media, photography has evolved into a major tool for use by the contemporary artist and designer. 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:

Offered Both Fall and Spring

- **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:

Offered Fall Term

- **ADG-S348 Advanced Illustration for Designers**

Prerequisites:

ADG S214

Credits:

3.00

Description:

This course focuses on the preparation of illustration for specific markets within the graphic design product development and publishing fields. Independent development and proficiency in a variety of media and the learning of different methods of preparing artwork for reproduction in traditional printed and/or digital environments will be covered. The continuation of the development of a personal sketchbook, photo reference, and the shooting of photographs for research will be further explored.

- **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-S334 Electronic Publication Design

Prerequisites:

ADG S202 and ADG S207 and ADG S219.

Credits:

3.00

Description:

This course will focus on the skills necessary to create publications such as books, magazines, annual reports and catalogs. The goal of this course is three-fold: to further enhance the understanding of typography in regard to publications, to provide the skills and knowledge necessary to design publications in an electronic environment, and to integrate the students' own art and/or photography in their work.

Term:

Offered Fall Term

• 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 and using specific software 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-S328 Designing for the Greater Good

Prerequisites:

ADG S207 and ADG S219

Credits:

3.00

Description:

Can designers who work for the greater good still make a good living? In a word, yes. 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, including the Obama campaign, FEED Projects, (RED), and Nike's Considered Program. Field trips are planned throughout the course, including a guided tour and talk at IDEO, one of the leading international design thinking companies.

Term:

Occasional

• **ADG-S317 Graphic Novel**

Prerequisites:

ADF S101 and ADF S102 or portfolio review and instructor permission

Credits:

3.00

Description:

An introduction to comics and the graphic novel as a means of visual narrative and personal expression. The course will identify and examine some of the key principles that make this art form work. A deeper, working understanding of these principles will be gained by applying them to a series of specific narrative projects with stated objectives. Students will have the opportunity to experiment with different visual styles and a variety of materials as they work to develop a personal artistic voice.

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:

Almost everything in our lives is packaged. Peas and automobile accessories, prescription medication, and pearls; virtually every product requires a wrapper, a skin, a form of transport, a package. What you see on store shelves is a result of a complex process, involving the collaborative efforts of graphic designers, package engineers, printers, stylists, photographers and merchandisers. Package design is a team endeavor because in an overcrowded marketplace, it is crucial to a product's success and ultimately to the client's bottom line. 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-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.

Term:

Offered Both Fall and Spring

- **ADFA-S251 Printmaking Studio**

Prerequisites:

ADF S102

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. Open to NESADSU majors only.

Term:

Offered Fall Term

2013-2014 Archived Catalog Information

Graphic Design

NESAD offers a BFA in graphic design, a graphic design certificate program, and a minor.

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Graphic Design](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Graphic Design BFA Requirements](#)
- [Certificate Program](#)
- [Graphic Design Minor Requirements for BFA or BA/BS Students](#)
- [Graphic Design Course Descriptions](#)

Studio art minor: graphic design (6 courses, 18 credits)

Required Foundation Course:

- **ADF-S166 2D/Color**

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.

Required Graphic Design Courses:

- **ADG-S219 Computer Applications in Design**

Prerequisites:

Intended for majors only

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-S201 Basic Typography**

Prerequisites:

ADF S151

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 an electronic format. Students will learn how to produce quality type in electronic format as well as experiment with and explore type through electronic manipulation.

Term:

Offered Spring Term

- **ADG-S206 Graphic Design I**

Prerequisites:

ADF S151

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 include societal issues.

Term:

Offered Spring Term

2013-2014 Archived Catalog Information

Graphic Design

NESAD offers a BFA in graphic design, a graphic design certificate program, and a minor.

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Graphic Design](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Graphic Design BFA Requirements](#)
- [Certificate Program](#)
- [Graphic Design Minor Requirements for BFA or BA/BS Students](#)
- [Graphic Design Course Descriptions](#)

- **ADG-100 Fundamentals of Graphic Design**

Credits:

2.00

Description:

This course will introduce students to the fundamentals of communication problem-solving, such as research, typography, concept and design development, and will expose students to the basic concepts of graphic design, including such specialties as advertising, corporate design and packaging. The primary purpose of the course is to aid students in deciding whether to pursue a career in graphic design. This course is a prerequisite for admission into the Electronic Graphic Design Certificate Program. A grade of B or better in this course will waive the standard portfolio requirement.

Term:

Offered Both Fall and Spring

- **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 Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **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, and resume preparation.

Term:

Offered Spring 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 student's intended area of professional concentration, or complete a Thesis Studio (see below). 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. Students with prior documented work experience in the field may be waived from the internship requirement, with the approval of the Graphic Design Program Director.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **ADG-500 Graphic Design Directed Study**

Prerequisites:

Consent of Program Director required

Credits:

3.00

Description:

The student completes a directed study project, either studio (ADG S500) or non-studio (ADG 500), 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 individual faculty member, the Graphic Design Program Director, and the NESADSU Chairman. Available every semester.

- **ADG-510 Graphic Design Undergraduate Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

1.00- 6.00

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.

- **ADG-S201 Basic Typography**

Prerequisites:

ADF S151

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 an electronic format. Students will learn how to produce quality type in electronic format as well as experiment with and explore type through electronic manipulation.

Term:

Offered Spring Term

• **ADG-S204 Design Beyond Design**

Credits:

3.00

Description:

This multidisciplinary, hybrid course will focus on contemporary trends within Graphic Design. Students will gain understanding through the study of communication and marketing theory case studies and how those theories can be connected to the contemporary issues and topics facing designers today

• **ADG-S206 Graphic Design I**

Prerequisites:

ADF S151

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 include 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. Software: Dreamweaver and Photoshop.

- **ADG-S214 Illustration for Designers**

Prerequisites:

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.

Term:

Offered Both Fall and Spring

• **ADG-S219 Computer Applications in Design**

Prerequisites:

Intended for majors only

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-S250 Graphic Design I-II**

Prerequisites:

Open to MAGD Accelerated Program Students only.

Credits:

3.00

Description:

Emphasizing the creative process from thumbnail to comprehensive, this course will also introduce the student to language, tools and techniques of the professional graphic designer. Attention will be paid to the conception, production, and presentation in solving design problems. This course will expose students to a series of exercises

designed to show how to get from observation and research, to the incorporation of these findings into the design of communication vehicles (logos, brochures, posters, ads, etc.) on a variety of scales. As a survey of graphic design, the goal of this course is to deal with typical problems faced by graphic designers in their profession.

- **ADG-S302 Italian Journal: Painting and Drawing On Paper**

Prerequisites:

Instructors Consent

Credits:

3.00

Description:

This course introduces the skills necessary for meeting clients' illustration needs in a variety of media appropriate to context. Florence, Italy and it's 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 outdoors in and around Florence, Italy, Tuscan hill towns and the Veneto exploring basic illustration styles, methods and techniques. This course satisfies the expanded classroom requirement.

Type:

Expanded Classroom Requirement

- **ADG-S305 Conceptual Typography**

Prerequisites:

Take ADG-S202

Credits:

3.00

Description:

This course is designed to build on core typography knowledge and further your 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-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:

Almost everything in our lives is packaged. Peas and automobile accessories, prescription medication, and pearls; virtually every product requires a wrapper, a skin, a form of transport, a package. What you see on store shelves is a result of a complex process, involving the collaborative efforts of graphic designers, package engineers, printers, stylists, photographers and merchandisers. Package design is a team endeavor because in an overcrowded marketplace, it is crucial to a product's success and ultimately to the client's bottom line. 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-S317 Graphic Novel**

Prerequisites:

ADF S101 and ADF S102 or portfolio review and instructor permission

Credits:

3.00

Description:

An introduction to comics and the graphic novel as a means of visual narrative and personal expression. The course will identify and examine some of the key principles that make this art form work. A deeper, working understanding of these principles will be gained by applying them to a series of specific narrative projects with stated objectives. Students will have the opportunity to experiment with different visual styles and a variety of materials as they work to develop a personal artistic voice.

Term:

Occasional

• **ADG-S328 Designing for the Greater Good**

Prerequisites:

ADG S207 and ADG S219

Credits:

3.00

Description:

Can designers who work for the greater good still make a good living? In a word, yes. 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, including the Obama campaign, FEED Projects, (RED), and Nike's Considered Program. Field trips are planned throughout the course, including a guided tour and talk at IDEO, one of the leading international design thinking companies.

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 and using specific software 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 Electronic Publication Design

Prerequisites:

ADG S202 and ADG S207 and ADG S219.

Credits:

3.00

Description:

This course will focus on the skills necessary to create publications such as books, magazines, annual reports and catalogs. The goal of this course is three-fold: to further enhance the understanding of typography in regard

to publications, to provide the skills and knowledge necessary to design publications in an electronic 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-S343 Advanced Topics in Interactive Design**

Prerequisites:

ADG-S340;

Credits:

3.00

Description:

This course is designed to follow Web II (ADG S340/ADG S740) and will prepare you for the real-world experiences designers often encounter in the field of interactive media. You will continue your exploration of interactive design and choose a final project direction that furthers your understanding of interactive media. These topics include designing for and implementing Content Management Systems, designing and production for mobile computing platform uses, cross platform compatibility and concepts of information architecture, and designing with an emphasis on market needs for multimedia.

Term:

Occasional

- **ADG-S344 Graphic Design III**

Prerequisites:

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-S348 Advanced Illustration for Designers**

Prerequisites:

ADG S214

Credits:

3.00

Description:

This course focuses on the preparation of illustration for specific markets within the graphic design product development and publishing fields. Independent development and proficiency in a variety of media and the learning of different methods of preparing artwork for reproduction in traditional printed and/or digital environments

will be covered. The continuation of the development of a personal sketchbook, photo reference, and the shooting of photographs for research will be further explored.

- **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 of preparing artwork electronically for printing. Software applications include Adobe Creative Suite: InDesign, Illustrator, and Photoshop. Normally offered fall and spring semesters.

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:

Offered Fall Term

- **ADG-S365 Digital Photography**

Credits:

3.00

Description:

Often mixed with other media, photography has evolved into a major tool for use by the contemporary artist and designer. 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:

Offered Both Fall and Spring

• **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:

Offered Fall Term

• **ADG-S370 Artists' Books**

Prerequisites:

Take ADG-S202 ADG-S207 ADF-S152; or Instructor's permission.

Credits:

3.00

Description:

Books are vessels of information. They can present your graphic design, photography or fine art, house a cherished collection, and even express non-linear thought. This class will cover traditional book design and construction techniques, as well as contemporary, non-traditional methods. You will learn to blend design,

craftsmanship and content to create books that are themselves works of art. This is a hands-on studio course intended for graphic design and fine arts majors.

Term:

Occasional

- **ADG-S500 Graphic Design Directed Studio**

Prerequisites:

Consent of Program Director required.

Credits:

1.00- 6.00

Description:

The student completes a directed study project, either studio (ADG S500) or non-studio (ADG 500), 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 individual faculty member, the Graphic Design Program Director, and the NESADSU Chairman. Available every semester.

2013-2014 Archived Catalog Information

History & Literature (Honors)

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)

This interdisciplinary honors program provides interested and qualified students an opportunity to explore the relations between history and literature. The history and literature honors student must complete a major in either history (40 credits) or English (36 credits) and a minor in the other field (20 credits in English; 20 credits in history). A student may also double major in history and English.

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: The Historian's Craft (HST 200, 4 credits), normally offered in the fall; and Gateway to the Major (ENG 301, 4 credits), normally offered each semester. These courses also fulfill major and minor requirements in each department.
3. The student must complete one honors seminar in English or history. The honors seminar may also 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 Independent Study in the major department (ENG 510 or HST 510). Normally, the student should undertake one credit of 510 in the fall semester of the senior year and three credits of 510 in the spring semester of the senior year. Independent Study (510) may fulfill an elective in the major. Any student who completes 510 will receive credit for the course; however, projects completed in 510 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. The student must select 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, and may also help the student to select courses appropriate to his or her research interests.

2013-2014 Archived Catalog Information

History

History is a gateway to both knowledge and perspective. Without a familiarity of the past, we are unable to benefit from the experiences of those who have come before us. History students develop skills in logical reasoning, research, marshalling evidence, argumentation, and written and oral expression. Broadly educated graduates with these skills are well positioned for careers in a wide variety of fields - from the law and business, to teaching, public service, and the media. The Suffolk University Department of History offers students a wide range of options, including majors and minors in history and robust honors programs in both history and history and literature. The history department has particular strengths in the areas of American, European, African-American, and Asian history, as well as in the history of women and gender and public history.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Honors Major](#)
- [Societies](#)
- [History Courses](#)

Requirements for the Major

Majors must complete 40 credits of coursework (usually ten courses).

This coursework should include two courses from among the following two-course sequences (ideally completed by the end of the sophomore year):

- **HST-101 History of Western Civilization I**

Credits:

4.00

Description:

A survey of European culture, politics, and society from antiquity to the seventeenth century, examining such topics as: 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:

Humanities & History, Humanities Literature Requirement

- **HST-102 History of Western Civilization II**

Credits:

4.00

Description:

A survey of European culture, politics, and society from the Scientific Revolution to the present, examining such topics as 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:

Humanities & History, Humanities Literature Requirement

- **HST-121 World History I**

Credits:

4.00

Description:

A survey of the civilizations of the ancient fertile Crescent, China, India, Greece, Rome, Byzantium, the rise of Islam, Africa, the Americas, the Chinese borderlands and medieval Europe from the beginning of history to 1500. We study the uniqueness and similarities of each civilization, how they interacted with each other, and how they changed over time. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **HST-122 World History II**

Credits:

4.00

Description:

A survey of human civilizations from 1500 to the present. Course explores themes such as the development of new trading networks, including the slave trade, religious and intellectual innovation, the rise of nationalism and creation of nation-states, the democratic revolutions, imperialism and world war. We study social change such as gender and race relations; technological and scientific revolutions; and cultural achievements of all civilizations. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

• **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:

Humanities & History, Cultural Diversity Opt B, Humanities Literature Requirement

• **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:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement

• HST-181 American History I

Credits:

4.00

Description:

A survey of 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:

Humanities & History,Humanities Literature Requirement

• HST-182 American History II

Credits:

4.00

Description:

A survey of 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:

2013-2014 2013-2014 2013-2014

All majors must also take (preferably during the sophomore year but not later than first semester of the junior year):

- **HST-200 Gateway to the Past: The Historian's Craft**

Credits:

4.00

Description:

What does it mean to study history? Why is history a particularly valuable means of understanding human experiences and problems? Historians do more than acquire facts about people and societies of the past. Historians debate the past as they uncover new information, develop new interpretative frameworks, and ask new questions. This course introduces students to history as a method of thought and inquiry, the development of history as a discipline, and to new trends and methodologies in the field. Prerequisite: Must be a History Major with at least sophomore status.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

2013-2014 2013-2014 2013-2014

Majors must also complete seven upper-level history (200-level or above) courses, (28 credits).

History Concentration

Students have the ability to engage in focused study in a particular area of history – American, European, African-American, Asian, women and gender, or public history – by taking at least four upper-level courses in one of those areas.

2013-2014 2013-2014 2013-2014

2013-2014 Archived Catalog Information

History

History is a gateway to both knowledge and perspective. Without a familiarity of the past, we are unable to benefit from the experiences of those who have come before us. History students develop skills in logical reasoning, research, marshalling evidence, argumentation, and written and oral expression. Broadly educated graduates with these skills are well positioned for careers in a wide variety of fields - from the law and business, to teaching, public service, and the media. The Suffolk University Department of History offers students a wide range of options, including majors and minors in history and robust honors programs in both history and history and literature. The history department has particular strengths in the areas of American, European, African-American, and Asian history, as well as in the history of women and gender and public history.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Honors Major](#)
- [Societies](#)
- [History Courses](#)

Minor Requirements

Twenty credits (5 courses) are required to complete a minor in history.

Choose two courses from the following sequences (8 credits):

HST-101 and 102: Western Civilization I and II

HST-121 and 122 World History I and II

HST-149 and 150 Empires and Globalization in World History I and II

HST-181 and 182 American History I and II

Choose three additional history courses numbered 200 and above (12 credits)

2013-2014 Archived Catalog Information

History

History is a gateway to both knowledge and perspective. Without a familiarity of the past, we are unable to benefit from the experiences of those who have come before us. History students develop skills in logical reasoning, research, marshalling evidence, argumentation, and written and oral expression. Broadly educated graduates with these skills are well positioned for careers in a wide variety of fields - from the law and business, to teaching, public service, and the media. The Suffolk University Department of History offers students a wide range of options, including majors and minors in history and robust honors programs in both history and history and literature. The history department has particular strengths in the areas of American, European, African-American, and Asian history, as well as in the history of women and gender and public history.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Honors Major](#)
- [Societies](#)
- [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 20-35 page research paper under the direction of a member of the history faculty

A student wishing to pursue honors will:

- Submit an application for honors, a writing sample, and two letters of recommendation from history faculty, to the history chair in the semester before undertaking their honors paper
- Meet regularly with a thesis advisor during the semester he or she writes the honors paper. Members of the history faculty will read and evaluate the candidate's paper and determine if the candidate will receive honors in history

2013-2014 Archived Catalog Information

History

History is a gateway to both knowledge and perspective. Without a familiarity of the past, we are unable to benefit from the experiences of those who have come before us. History students develop skills in logical reasoning, research, marshalling evidence, argumentation, and written and oral expression. Broadly educated graduates with these skills are well positioned for careers in a wide variety of fields - from the law and business, to teaching, public service, and the media. The Suffolk University Department of History offers students a wide range of options, including majors and minors in history and robust honors programs in both history and history and literature. The history department has particular strengths in the areas of American, European, African-American, and Asian history, as well as in the history of women and gender and public history.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Honors Major](#)
- [Societies](#)
- [History Courses](#)

This honors program in history and literature provides interested and qualified students the opportunity to explore in-depth the relations between these two intertwined fields. Students must complete the requirements for a major in either history or English and also complete the requirements for the minor in the other of the two departments. The student must also complete the honors program in both departments.

See the [history and literature major requirements](#).

2013-2014 Archived Catalog Information

History

History is a gateway to both knowledge and perspective. Without a familiarity of the past, we are unable to benefit from the experiences of those who have come before us. History students develop skills in logical reasoning, research, marshalling evidence, argumentation, and written and oral expression. Broadly educated graduates with these skills are well positioned for careers in a wide variety of fields - from the law and business, to teaching, public service, and the media. The Suffolk University Department of History offers students a wide range of options, including majors and minors in history and robust honors programs in both history and history and literature. The history department has particular strengths in the areas of American, European, African-American, and Asian history, as well as in the history of women and gender and public history.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Honors Major](#)
- [Societies](#)
- [History Courses](#)

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 of the academic year. Induction will take place at the annual reception for graduating history majors and minors at the end of April.

2013-2014 Archived Catalog Information

History

History is a gateway to both knowledge and perspective. Without a familiarity of the past, we are unable to benefit from the experiences of those who have come before us. History students develop skills in logical reasoning, research, marshalling evidence, argumentation, and written and oral expression. Broadly educated graduates with these skills are well positioned for careers in a wide variety of fields - from the law and business, to teaching, public service, and the media. The Suffolk University Department of History offers students a wide range of options, including majors and minors in history and robust honors programs in both history and history and literature. The history department has particular strengths in the areas of American, European, African-American, and Asian history, as well as in the history of women and gender and public history.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Honors Major](#)
- [Societies](#)
- [History Courses](#)

- **AMST-111 Defining America and Americans**

Credits:

4.00

Description:

This course will examine 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:

Humanities & History, Humanities Literature Requirement

- **AMST-313 American Renaissance: Emerson And His Contemporaries**

Credits:

4.00

Description:

Readings from Emerson and other American Renaissance writers, including Thoreau, Whitman, Hawthorne, Melville, William and Henry James, and Emily Dickinson, and examination of their intellectual congruence with pragmatism, modernism, and postmodernism. This is a seminar in American cultural, intellectual, political, and socioeconomic history which will examine the relationship between Ralph Waldo Emerson and other contemporary American 'cultural critics', as well as their relationship to the society from which they sprang and to the values of which they were, at the same time, giving enduring cultural formulation.

- **BLKST-100 Introduction to Black Studies I: Survey Of the Discipline**

Credits:

4.00

Description:

An interdisciplinary introduction to the basic concepts and literature in the disciplines covered by Black Studies. It includes history, philosophy, psychology and other disciplines, as well as a conceptual framework for the investigation and analysis of Black history and culture.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **BLKST-101 Introduction to Black Studies II Research and Writing**

Credits:

4.00

Description:

This course will provide an introduction to basic research techniques and methods including library use, identifying resources, project development, documenting sources, and writing research papers.

Term:

Occasional

Type:

Social Science

- **BLKST-160 Introduction to the Wolof Language**

Credits:

4.00

Description:

This seminar will introduce students to Wolof, the dominant language in Senegal, West Africa. Students will learn about Senegalese culture while acquiring the basics of the language and developing beginning conversational skills.

Term:

Offered Spring Term

- **BLKST-169 African American Genealogy**

Credits:

4.00

Description:

This seminar will introduce students to resources and techniques in African American genealogy. During the seminar students will explore methods of applying genealogical research to the larger African American and American story by working on an African American genealogy project. Note: This course is identical to HST 169. Normally offered by request.

Term:

Occasional

Type:

Humanities & History

- **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-263 Sabar: Music and Dance**

Credits:

4.00

Description:

Participants will be introduced to sabar music and dance of Senegal through a study of music, dance, language and history. Each area will be taught by professional practitioners of the sabar tradition to develop a sense of how music and dance are used in both traditional and popular contexts. This course will be directed by Prof. Robert A. Bellinger. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Social Science

• **BLKST-299 Busing in Boston- Moakley Archives**

Credits:

4.00

Description:

This is a research seminar designed to give students the opportunity to explore the rich yet difficult history of busing in Boston, and develop their research skills by using material on Boston's school desegregation in the Moakley archives. Research will be augmented by discussions with local figures who were involved in the events of the era. Class time will be divided between classroom meetings and work in the archives with the documents. Students will be responsible for a final project based on their work in the archives. This course is identical to HST 299. Normally offered by request.

Term:

Occasional

Type:

Social Science, Humanities & History

• **BLKST-469 African Amer Life-Slave & Free**

Credits:

4.00

Description:

This class is designed to provide students with a deeper understanding of the reconstruction era by working with the microfilm of the Freedmen's Bureau papers. To accomplish this there will be a classroom component and an on-site component. In the classroom component, students will be introduced to the reconstruction era and its history. In the on-site component students will work with the microfilmed copies of the Freedmen's Bureau papers.

Class meetings will be divided between the Suffolk University campus and the National Archives and Records Administration (NARA) site in Waltham, MA. This course is identical to HST 469. Normally offered as requested.

Term:

Occasional

Type:

Social Science

- **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

- **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

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B

- **HST-101 History of Western Civilization I**

Credits:

4.00

Description:

A survey of European culture, politics, and society from antiquity to the seventeenth century, examining such topics as: 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:

Humanities & History, Humanities Literature Requirement

• **HST-102 History of Western Civilization II**

Credits:

4.00

Description:

A survey of European culture, politics, and society from the Scientific Revolution to the present, examining such topics as 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:

Humanities & History, Humanities Literature Requirement

• **HST-110 Walk to Remember: The Freedom Trail**

Credits:

2.00

Description:

Begin with a walking tour of the Freedom Trail conducted by Charles Bahne, author of The Complete Guide to Boston's Freedom Trail. Stops include the Old South Meeting House, the Old State House, Faneuil Hall, the Ancient and Honorable Artillery Company Museum, Paul Revere House, and the Old North Church. Students will learn the historical significance of each site and its connection to Boston's role in the American Revolution. In addition, they will develop their research skills during a visit to the Massachusetts Historical Society. The course concludes with a guided walk along the Black Heritage Trail through Beacon Hill, home to some of Boston's key abolitionist leaders. *An additional field trip fee applies for various visits throughout Boston This course does not fulfill core requirements.

Term:

Summer

Type:

Humanities & History, Humanities Literature Requirement

• **HST-121 World History I**

Credits:

4.00

Description:

A survey of the civilizations of the ancient fertile Crescent, China, India, Greece, Rome, Byzantium, the rise of Islam, Africa, the Americas, the Chinese borderlands and medieval Europe from the beginning of history to 1500. We study the uniqueness and similarities of each civilization, how they interacted with each other, and how they changed over time. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• **HST-122 World History II**

Credits:

4.00

Description:

A survey of human civilizations from 1500 to the present. Course explores themes such as the development of new trading networks, including the slave trade, religious and intellectual innovation, the rise of nationalism and creation of nation-states, the democratic revolutions, imperialism and world war. We study social change such as gender and race relations; technological and scientific revolutions; and cultural achievements of all civilizations. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

• **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:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement

- **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:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement

- **HST-169 African American Genealogy**

Credits:

4.00

Description:

This seminar will introduce students to resources and techniques in African American genealogy. During the seminar students will explore methods of applying genealogical research to the larger African American and

American story by working on an African genealogy project. Note: This course is identical to BLKST 169.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-181 American History I

Credits:

4.00

Description:

A survey of 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:

Humanities & History, Humanities Literature Requirement

• HST-182 American History II

Credits:

4.00

Description:

A survey of 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:

Humanities & History, Humanities Literature Requirement

- **HST-200 Gateway to the Past: The Historian's Craft**

Credits:

4.00

Description:

What does it mean to study history? Why is history a particularly valuable means of understanding human experiences and problems? Historians do more than acquire facts about people and societies of the past. Historians debate the past as they uncover new information, develop new interpretative frameworks, and ask new questions. This course introduces students to history as a method of thought and inquiry, the development of history as a discipline, and to new trends and methodologies in the field. Prerequisite: Must be a History Major with at least sophomore status.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **HST-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.

Type:

Humanities & History

- **HST-213 The British Empire and Commonwealth**

Credits:

4.00

Description:

The first British Empire (1607-1783); the second British Empire in the nineteenth century; dominion and Commonwealth status; dissolution of the Empire after 1945; the constituent territories of the Empire, their relationship with Britain, and their interrelationship within the Empire.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-215 History of the Vikings**

Credits:

4.00

Description:

An examination of the Viking phenomenon between the eighth and eleventh centuries, including the origin of the Vikings in Scandinavia and the expansion and impact of the Danes/Normans in Germany, the Baltic region, England, France, and Sicily; the Varangians (Swedes) in Kievan Rus and Constantinople; and the Norse in Scotland, Ireland, Iceland, Greenland, and Vinland (Newfoundland and Labrador).

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-216 The Thousand Year Reich: the Holy Roman Empire, 800-1806**

Credits:

4.00

Description:

An examination of the purposes, ideology, structure, institutions, context, and historical evolution of Europe's most enduring, most important, most influential, and (before the European Union) most inclusive political formation, the Holy Roman Empire, during its thousand-year history from the coronation of Charlemagne in 800 to its dissolution in the Napoleonic Europe of 1806.

- **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-221 William Lloyd Garrison in Boston's Abolition Movement**

Credits:

4.00

Description:

A focus on the life of William Lloyd Garrison, whom Frederick Douglass called, the chief apostle of the unconditional emancipation of all the slaves. We will focus on the words of Garrison, on his support from the Boston colored community, and his role in the national Abolition movement. Garrison's confidence in the power of moral agitation to overcome institutional inertia will be a theme. The views of a spectrum of historians, writing from the context of many years, will raise questions about movement strategies relevant also today.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-223 History of Law**

Credits:

4.00

Description:

This course surveys the law's historical development, from the uncodified customs of the ancient world, to the first legal code of Hammurabi, to the European legal tradition: Roman law, Canon law, and the Anglo-Saxon common law. We will examine the law's historical development and its role in different historical moments. We will explore modern law and legal institutions; the relationship between law and society in the transition from feudalism to capitalism; the rise of human rights and the rule of law in Western democracies, including the rise of the legal exception (slavery, for example).

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-224 Civil Rights in the 20th Century**

Credits:

4.00

Description:

What is meant by the term civil rights? How do civil rights affect notions of what it means to be an American? In Civil Rights in the Twentieth Century, students will explore the history of civil rights movements- from the Reconstruction era through the Conservative revolution of the 1970s and 1980s- to answer these questions, and to try to understand the contested definition of civil rights in modern America. We will begin with the emancipation of four million African-Americans during the 1860s; we will continue through the first wave feminist movement of the late nineteenth and early twentieth century, and the labor movement from the Gilded Age through the New Deal; and we will conclude with the Black, women's, and gay rights movements of the 1960s and 1970s, and their relationship to the rise of the New Right during the 1970s and 1980s. Special attention will be paid to primary documents written by civil rights leaders and their followers, as well as analysis of secondary material on how civil rights has evolved over time.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement, Humanities & History, BSBA SOCIAL CHANGE

- **HST-233 The Creation of Russia**

Credits:

4.00

Description:

Russia--the world's largest country, leading energy exporter, a major nuclear and space power, and a permanent member of the UN Security Council, also exhibits many third-world drifts. We'll address Russia's contradictions and paradoxes. How did the Byzantine, Nomadic, and West European cultural layers help form the Russian civilization? How Russian were some of the famous Russian - the poet Pushkin, Catherine the Great, Stalin? What impact did the Mongols have in their 200-year rule? How did Russia compete and expand against more advanced and wealthier foes? Why was Ivan the Terrible actually terrified? How did Peter the Great's reforms 'Westernize' Russia, accelerate its development, but lead Russian intellectuals to challenge Czar's authority and ultimately bring about the 1917 Revolutions? Did Russia have a democratic tradition in the earliest times, or is it a 20th century Western import?

Term:

Occasional

Type:

Humanities Literature Requirement, Humanities & History

- **HST-234 History of Sport and the Olympic Games**

Credits:

4.00

Description:

We will explore the history of Boston through sports, with special focus on the Boston Marathon, from its origins in ancient Greece, to the first Boston Marathon in 1898, to the Marathon of today; the history of Basketball, first developed in Springfield; the development of the NCAA and college athletics; and the history and development of baseball. Students will also analyze how athletes and athletic events have been commemorated by statues and memorials in and around Boston.

- **HST-237 Medieval Iran Under the Nomadic Dynasties**

Credits:

4.00

Description:

This course studies revolutionary changes through three crucial centuries of Iran's history (12th-15th). Between the 12th and 15th centuries, Iran withstood two destructive invasions by nomadic leaders, including Genghis Khan and Tamerlane, who formed the nomadic Ilkhanids and Timurid dynasties. We will examine 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. This course gives a multilateral perspective--political, cultural social, and economic--to conceptualize the different aspects of this important period.

- **HST-238 Reemergence of Iran and Its Medieval & Early Modern History**

Credits:

4.00

Description:

Over two centuries (1501-1722) the Safavid dynasty reigned over a unified Iran. 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 of their military victories over the western world. We will examine many different aspects of political, social, economic, and cultural history of Iran in this period.

- **HST-244 History of the Iranian Islamic Revolution**

Credits:

4.00

Description:

The course reviews modern Iranian politics with a special attention on the history of the Islamic Revolution of 1979. It 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

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B

• HST-247 History of Modern Middle East

Credits:

4.00

Description:

This course seeks to provide students with an understanding of the broad historical forces, conflicts and major events that have shaped the contemporary nations of the modern Middle East. The course begins with the emergence of the modern Middle East from the empires of the sixteenth and seventeenth centuries. It deals with forces which attempt to meet the European challenge; 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

Type:

Humanities & History, Cultural Diversity Opt B, Humanities Literature Requirement, BSBA SOCIAL CHANGE

• HST-255 Films and Contemporary China

Credits:

4.00

Description:

This class 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. Cultural Diversity B.

Term:

Occasional

Type:

- **HST-261 African History to 1800**

Credits:

4.00

Description:

This course will explore 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. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **HST-262 Modern African History Since 1800**

Credits:

4.00

Description:

This course will cover 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. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **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. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

• HST-264 History of Italy

Credits:

4.00

Description:

The political, social, economic and cultural development of Italy in fourteen hundred years, from Rome to the Renaissance, to the unification of the country, the fascist regime of Mussolini, and the birth of the Republic in 1948.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• 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. It seeks to understand several overlapping and related questions. How did the institution define property? How were slaves recruited, treated, and manumitted? What was the relationship between slavery, citizenship, and the state? What was the relationship between slavery and religion? How did the institution regulate gender relations? What was the role of slavery in the construction of race and notions of genetic inequality?

• HST-267 Russia in the 20th Century

Credits:

4.00

Description:

This course is a survey of the history of Russia and the Soviet Union from 1900 to the present. We will examine the end of tsarist rule, the October Revolution and the Civil War, Lenin's rule, Stalin and the Stalinist system, the Great Patriotic War, Khrushchev's de-Stalinization, Brezhnev's economic stagnation, and Gorbachev's perestroika and glasnost. The final section of the course examines the collapse of the Soviet Union, the rise of Yeltsin, and the Putin-Medvedev era.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-268 History of the Mediterranean

Credits:

4.00

Description:

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

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-269 Early Modern France

Credits:

4.00

Description:

This course will look at early modern France (1400-1789), emphasizing the development of religious, political, and legal institutions. Topics that we will cover 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. Students will be expected to write a research paper, write a short paper on a primary source, participate in class discussions, and take two in-class exams. The class is primarily a lecture class, although we will have periodic discussions on the readings.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-270 Revolution! the Contours of Modern Europe, 1610-1815**

Credits:

4.00

Description:

This course will explore 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. How did these revolutions happen and how did these transformations influence change throughout the rest of the world?

- **HST-271 African American History 1619-1860**

Credits:

4.00

Description:

This course will examine 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 include: the slave trade, the development of the slave system, African-Americans and the Declaration of Independence, and the abolition movement. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **HST-272 African American History From 1860**

Credits:

4.00

Description:

This course will examine African American history from the end of slavery to the present. Topics include: Emancipation and Reconstruction, Reconstruction and the Constitution, the Exodusters, the Harlem Renaissance, Pan Africanism, the Civil Rights Movement, the Black Power Movement, African-Americans at the turn of the twenty-first century. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• **HST-274 Women in 19th Century Europe**

Credits:

4.00

Description:

An exploration of 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. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• **HST-275 Women in 20th Century Europe**

Credits:

4.00

Description:

An examination of 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. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **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

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **HST-283 The U.S. and Central America 1979-1993**

Credits:

4.00

Description:

This class studies this international relationship in the context of the global anti-colonial revolutions, the collapse of communism, and the influence of Catholic liberation theology. The course highlights the Nicaraguan revolution, the Salvadoran civil war, the Guatemalan military campaign against Mayan villages, the U.S. invasion of Panama, and the relative stability but great differences among Honduras, Belize and Costa Rica.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **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

Type:

Humanities & History, Humanities Literature Requirement

• **HST-287 Atlantic World: Print to Progress**

Credits:

4.00

Description:

How did Atlantic crossings impact American societies? In this course, students with little or no prior knowledge of the Atlantic World will gain an understanding of the inter-connections that developed among peoples of Europe, Africa and America after 1492. We will see how the migration of peoples facilitated a new level of exchange in technology, culture, and especially ideas. Topics include European thoughts on America and its peoples; the Columbian Exchange of flora, fauna, and diseases; Euro-American accounts of life in the New World; and cultural syncretism such as language, music and religion. Previously HST 495

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• **HST-290 19th Century America**

Credits:

4.00

Description:

This course explores the history of the United States from 1810 to 1910. Students will 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

Type:

Humanities & History, Humanities Literature Requirement

• **HST-292 American Foreign Relations Since 1898**

Credits:

4.00

Description:

The history of modern U.S. foreign relations. Key topics include the emergence of the U.S. as a world power, America's involvement in the two world wars, the Cold War, Vietnam, and globalization. U.S. relations with Latin America, Asia, the Middle East, Europe, and Africa are explored.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• **HST-293 Race and Reconstruction: the Transformation of America, 1850-1900**

Credits:

4.00

Description:

This course explores the political, economic, social, and cultural history of America from the decade prior to the Civil War to the end of the nineteenth century. Students will focus on the political, social, and racial catalysts that led to the Civil War, its aftermath, and the ideologies behind Federal Reconstruction between 1863 and 1877. Through primary and secondary source materials, students will explore the following: What were the long term effects of American slavery, American expansion, and the Civil War? How did different groups of Americans- north and south, Black, White, Asian, Latino- understand themselves, their government, and what it meant to be an American citizen? How did the social structure of white supremacy - epitomized in ante-bellum slavery, Indian removal, and rising anti-Chinese sentiment - contribute to the long-lasting social structure of American racism?

Term:

Occasional

Type:

Humanities & History, Cultural Diversity Opt A, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-299 Busing in Boston: the Moakley Archives**

Credits:

4.00

Description:

This is a research seminar designed to give students the opportunity to explore the rich yet difficult history of busing in Boston, and develop their research skills by using the material on Boston's school desegregation in the Moakley archives. This will be augmented by discussions with local figures who were also involved in the events of the era. Class time will be divided between classroom meetings and work in the archives with the documents. Students will be responsible for a final project based on their work in the archives. This course is identical to BLKST 299.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-301 The Rise and Fall of the Chinese Empire II**

Credits:

4.00

Description:

The course discusses the later imperial ages of China, or early modern China. The topics include the Chinese way of governing", such as bureaucracy and civil service examination, the world's largest economy, the Mongolian empire, and the multi-ethnic empire under the Manchu rule.

- **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. Note: This course is identical to HUM 304.

Term:

Occasional

Type:

Humanities & History

- **HST-306 Arab-Israeli Conflict**

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.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-307 U.S. Race Relations 1877-1945**

Credits:

4.00

Description:

This course focuses on the African-American freedom struggle. It describes the consolidation of segregation and disfranchisement laws, the rise of Booker T. Washington, the NAACP's fight for civil rights, black nationalism, African American participation in both world wars, the Harlem Renaissance, and Depression Era struggles. We will also consider the history of non-white groups including Hispanics, Asian-Americans, and Native Americans.

Type:

Humanities & History, Cultural Diversity Opt A, BSBA SOCIAL CHANGE

- **HST-312 Renaissance and Reformation Europe**

Credits:

4.00

Description:

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:

Humanities & History, Humanities Literature Requirement

• 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

Type:

Humanities & History, Humanities Literature Requirement

• HST-319 The History of Black Music in America

Credits:

4.00

Description:

Black music has been one of the primary cultural factors in the United States. From the African roots to hip hop in the 21st century Black music has served as an expression of African American consciousness, providing commentary on many aspects of black life. This art form provides commentary on many aspects of black life including social and political. It has also been a major force in shaping the culture of the United States as a whole. As such it provides an excellent window for exploring the history of Black America as well as the history of all America. With the use of texts, videos, and recordings this class will examine the music of Black America in the context and communities in which it was created and performed, and also in relationship to the wider world.

Cultural Diversity A

Term:

Occasional

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

- **HST-321 History of Islam**

Credits:

4.00

Description:

This course 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. Concentrations VIII, XII. Cultural Diversity B

Term:

Occasional

Type:

Humanities & History,Cultural Diversity Opt B

- **HST-322 French Revolution and Napoleon**

Credits:

4.00

Description:

The background and 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

Type:

Humanities & History,Humanities Literature Requirement

- **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

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• HST-326 The Russian Revolution

Credits:

4.00

Description:

The long Russian Revolution (1900-1930) is one of the most important events of the 20th century. It brought 19th-century Russia in conflict with the political and socio-economic forces of the 20th century. We will examine the long-term trends and challenges and address the what ifs of history - that helped unleash the crises of 1917-1919. What were the reasons for and extent of Rasputin's influence at the imperial court? Was the Revolution brought about by the West? Then how and why did Russia become less westernized due to the revolution? Was the new Bolshevik regime confronted by the same challenges that crippled the Czarist regime? Could and should the revolution have been avoided? Was it a necessary step and stage towards progress and modernization? What similarities did the new USSR begin to have with the capitalist democracies of the West? How did the revolution affect the status and role of workers, women, and peasants in USSR? How were Lenin, Trotsky, and Stalin different as leaders and individuals? When did the revolution end? (Formerly HST 433)

Term:

Occasional

Type:

Humanities & History, Cultural Diversity Opt B, Humanities Literature Requirement

• 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. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• **HST-330 History & Culture of Senegal**

Prerequisites:

Requires instructor's consent to register

Credits:

4.00

Description:

This class will introduce students to the richness of Senegalese culture and history, from the eleventh century to the modern era. Along with history, students will examine Senegal's culture and customs through lectures, readings, music and film. In some years there will be a travel component connected with the class. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• **HST-333 The United States: 1898-1945**

Credits:

4.00

Description:

Topics include the Progressive Era, U.S. intervention in World War I and its domestic consequences, the cultural clashes of the 1920s, the Great Depression of the 1930s, the New Deal, and World War II. Note: formerly history 495.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **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

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-335 The United States Since 1970**

Credits:

4.00

Description:

American history in the period since Vietnam and Watergate. Topics include the end of the post-World War II economic boom, the late-20th century culture wars, the rise of the New Right and decline of the New Deal domestic order, the end of the Cold War, growing involvement in the Middle East, the emergence of new technologies, globalization, and the impact and aftermath of September 11.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-336 Fifth Century Athens**

Credits:

4.00

Description:

This course offers an introduction to the high classical period of Greek thought. Close readings of selections from major historians, poets, dramatists, and philosophers will be examined in the context of Periclean Athens. Topics such as the relationship between democracy and empire, written law (nomos) and natural inclination (physis), and

the influence of the Sophists and the Pre-Socratics will be discussed from the perspectives of writers such as Thucydides, Aeschylus, Pindar, and Plato. This course is identical to HUM 336.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-338 Ancient Greece & Ancient Israel

Credits:

4.00

Description:

A survey of archaic thought from Greek myths of origin and Hebraic accounts of Genesis to Mosaic law and Aristotelian ethics. Major topics include: polytheism and monotheism, Homer's Troy, the pre-Socratic philosophers and early conceptions of the universe; the complexities of desire and identity in the song of Songs and Sappho's lyric poetry; God's covenant with Israel as depicted in Exodus, Samuel, and the Psalms; self-knowledge and justice in Greek tragedy. Note: This course is identical to ENG 411 and HUM 338.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-339 Pagan Reason to Christian Revelation

Credits:

4.00

Description:

A survey of the monumental transformation from Pagan thought to Christian belief. Topics include the relation of the soul to the cosmos, the city of man and the city of god, hope, Eros and Agape, Stoicism and Pagan tragedy vs. Christian comedy. We will pay particular attention to the way Pagan images evolve into Christian symbols, as when Sibyl's wind-scattered leaves become, in Dante, the pages of the Bible bound by love. Major figures include: Plato, Aristotle, Augustine, Aquinas, Dante.

Term:

Occasional

Type:

- **HST-342 Modern Japanese History**

Credits:

4.00

Description:

The class 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. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Asian Studies, Humanities Literature Requirement

- **HST-344 Passages to the Modern World**

Credits:

4.00

Description:

The class discusses the early-modern history of East Asia, specifically China and Japan, in a global context. It examines the difference between East Asia and the West in their transitions to modern society, whether or not there was a great divergence," and if there was one, what was the underpinning dynamic in the process. This comparative approach usually requires the class to read one book (in English) on Chinese or Japanese history and another one on European or global history.

Type:

Humanities & History, Asian Studies

- **HST-345 Chinese Civilization**

Credits:

4.00

Description:

A survey of pre-modern Chinese history from antiquity to the sixteenth century. Topics include: Confucianism; the making of an imperial bureaucratic system; conflicts and interactions among different ethnic groups; the Mongolian Empire; early modern Chinese society. (Formerly HST 131) Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Asian Studies, Humanities Literature Requirement

- **HST-346 Modern Chinese History**

Credits:

4.00

Description:

A survey of modern Chinese history from the sixteenth century to the present. The class focuses on two major themes. First, we will study the conflict between the modern state and traditional society. We will discuss China's turbulent transition from an old empire to the Communist regime, the dynamics behind this transition, and the price that ordinary Chinese people have paid. Second, we will study China's interactions with the outside world from the first Opium War to China's entrance to the World Trade Organization. (Formerly HST 132) Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Asian Studies, Humanities Literature Requirement

- **HST-347 Japanese Civilization**

Credits:

4.00

Description:

An overview of Japanese history from ancient times to the nineteenth century. Topics include imperial Japan, the emergence of the samurai, and Tokugawa society.

Term:

Occasional

Type:

Humanities & History, Asian Studies, Humanities Literature Requirement

- **HST-348 Samurai: History, Literature & Film**

Credits:

4.00

Description:

This course 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. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• HST-356 World War II: the Global War

Credits:

4.00

Description:

This course examines the Second World War from political, military and socio-cultural perspectives. It connects experiences of combatants and civilians with issues of total war, and shows how global conflict fundamentally altered both the world's geopolitical contours and the consciousness of those who waged and endured it.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-357 History of Spain I

Credits:

4.00

Description:

This is a general survey course, covering the most transcendental social, cultural, economic and political developments in the history of Spain, from the Neolithic to the Early Modern Period. The broad history of the nation and its peoples will be examined, 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. The course material will be covered in a series of thematic blocks: 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.

Type:

Humanities & History, Humanities Literature Requirement

- **HST-358 History of Spain II**

Credits:

4.00

Description:

This course will examine and explore 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.

Type:

Humanities & History, Humanities Literature Requirement

- **HST-H359 Honors 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. This course will examine 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:

Humanities & History, Humanities Literature Requirement

- **HST-360 Native America: From Pre-History to the Trail of Tears**

Credits:

4.00

Description:

This course will examine the native people of North America before and after the European conquest. Topics will include Native Americans' relations with one another; 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. Cultural Diversity A Cultural, Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B,Humanities & History

• **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:

Cultural Diversity Opt A,Humanities & History,Humanities Literature Requirement

• **HST-362 History of Piracy**

Credits:

4.00

Description:

Why did men (and some women) turn pirate? Why is there a continuing fascination with pirates? This course will explore the reality and fiction of pirates and piracy, focusing on the Golden Age of Piracy from 1690 to 1730, with particular attention to the pirates of New England. We will examine primary sources, historical accounts, and fictional presentations - both books and films - to better understand piracy, why it happened, and why it continues to fascinate us.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **HST-365 Presenting History: Media & Methods of Public History**

Credits:

4.00

Description:

Considers the history, theory, and techniques of public history presentation. Learn what visitors want for themselves and their families when they choose to spend their time at a historic site, historic house or history museum. Modes of presentation covered include film documentary, Web site exhibition, popular historical writing, and reenactment. Students produce a project using survey data and information learned throughout the course about preserving history through media and method to demonstrate what the future of historic preservation might resemble. Note: There will be travel involved to visit various historic sites. Please allow time before and after scheduled class time.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement, Expanded Classroom Requirement

- **HST-367 Freedom Trail 101**

Prerequisites:

take HST 181

Credits:

4.00

Description:

Meeting alternatively at Suffolk and at Boston's historical sites, students in this course will learn the principles and techniques of Museum Education. How does a museum create educational programs? What kinds of programs work best for different audiences? Students will have opportunities to work with museum professionals in designing and implementing educational programs.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **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. As part of the course, students will offer tours of the houses to visitors. Formerly: HST 368 Introduction to Historical Interpretation.

Term:

Occasional

Type:

Humanities & History, Expanded Classroom Requirement, Humanities Literature Requirement

- **HST-369 American Objects: Materials, Meaning and History**

Credits:

4.00

Description:

This course will explore American history through objects - from spinning wheels and silver cups to electric typewriters and cocktail glasses. What was an object's purpose? How was it made and who made it? How do we interpret the material culture of life? 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, placing objects or spaces in their historical context.

- **HST-370 Workers in America**

Credits:

4.00

Description:

How have ordinary American working people shaped and been shaped by the experience of work in a capitalist economic order? This course surveys the world of work and workers, free and unfree, from 1800 to the present. Topics include changing conceptions of work, formation of workers' consciousness and communities, working-class cultures, movements for labor reform, and the impact of race, ethnicity, and gender on labor markets, workplace dynamics, and working-class families and communities. The course also explores workers' experiences of industrialization and technological innovation, immigration and migration, consumerism and globalization. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History

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

Credits:

4.00

Description:

This course 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. Cultural Diversity A

Term:

Offered Fall Term

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

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

Credits:

4.00

Description:

This course 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. Course materials include novels and films. Cultural Diversity A

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-373 History of Human Rights**

Credits:

4.00

Description:

This course will examine the history of human rights from the Enlightenment to the present. We will look at the historical origins of human rights and delve into subjects such as slavery, imperialism, women's rights, and genocide. We will also be asking how the overall concept has evolved - or stagnated - over time.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• 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

Type:

Humanities & History, Humanities Literature Requirement

• HST-380 History of Plymouth

Credits:

4.00

Description:

Plymouth beyond the Mayflower Pilgrims, Thanksgiving and Plymouth Rock; this course will examine the history of Plymouth Colony from its origins in Reformation England to its absorption into Massachusetts in 1692. Particular attention will be paid to Native Wampanoag culture before, during and after King Philip's War. Students

will read primary and secondary sources; investigate Plymouth Colony's material culture through architecture, food, and artifacts; field trips to sites in the Old Colony area will be arranged; and the lasting cultural significance of the Pilgrims and Plymouth will be examined.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

• HST-381 American Colonial History

Prerequisites:

Sophomore Standing

Credits:

4.00

Description:

This course emphasizes the founding and settlement of English colonies in America; their social, economic, and political development; the Great Awakening; the British-French struggle for control of the North American continent; the background and causes of the American Revolution.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-382 The American Revolution

Credits:

4.00

Description:

This course provides an analysis of the background, progress and results of the American Revolution. Emphasis is placed upon military aspects of the War for Independence, and on post-war efforts to establish a permanent workable American government culminating in the Federal Constitution.

Term:

Occasional

Type:

- **HST-383 Boston: Heritage of a City**

Prerequisites:

One History course

Credits:

4.00

Description:

The development and influence of Boston from its foundation in 1630: the Massachusetts Bay Colony, cradle of the American Revolution; Boston as a Yankee merchant capital, Brahmin cultural center, immigrant melting pot, and modern metropolis. 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.
ECR

Term:

Offered Fall Term

Type:

Humanities & History, Expanded Classroom Requirement, Humanities Literature Requirement

- **HST-384 History of Boston and Suffolk University**

Credits:

4.00

- **HST-389 American Constitutional History I**

Prerequisites:

Sophomore Standing Required

Credits:

4.00

Description:

The development of American constitutional government. Topics will include the drafting and ratifying of the state and federal constitutions in the 1770s and 1780s; the problems of individual liberty versus government power; state rights; race and slavery; war powers; pluralism.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-390 American Constitutional History II**

Prerequisites:

Sophomore Standing Required

Credits:

4.00

Description:

This course will explore changes in the American constitutional system since the Civil War. Topics will include due process and national citizenship; the growth and expansion of federal power; the evolution of segregation; the New Deal; the return of civil rights; the expansion of individual rights; the role of courts and states in the federal system.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-392 American Civil War and Reconstruction**

Credits:

4.00

Description:

Topics include the antebellum reform and expansion movements, especially as they affected slavery, and the deepening sectional crisis of the 1850s. An in-depth analysis of the violent war which followed, and Southern Reconstruction to 1877.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-395 US History: Race and Ethnicity**

Prerequisites:

Permission of Instructor Required

Credits:

4.00

Description:

An overview of American history from the perspective of its racial and ethnic minorities. Topics include: Native American efforts to retain cultural independence and to shape relations with the majority; Asian Americans and the model minority myth; African Americans and the Constitution; recent refugees and current immigration legislation. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **HST-396 The African Diaspora**

Credits:

4.00

Description:

An examination of the dispersion of Africans to the Americas during the era of the slave trade and the establishment of New World communities of Africans and people of mixed descent. Topics include: the Slave Trade, comparative Slave Systems, Religion, Resistance and Revolutionary Movements, Return and Redemption Movements, Pan Africanism, Race and Class. Cultural Diversity A Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Cultural Diversity Opt A

- **HST-407 German History 1517 - 1871**

Credits:

4.00

Description:

This course explores the social, political and cultural development of the German-speaking population of central Europe from the beginning of the Reformation to the proclamation of the Second Reich, with major attention to the Wars of Religion, the emergence of Prussia and its competition with Austria, and the development of German nationalism.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• HST-411 Europe, 1815 - 1914

Credits:

4.00

Description:

The political, economic, social and cultural development of the principal European states from 1815-1914. Topics include: restoration and resistance after the Congress of Vienna; the evolution of the rising European middle class; the revolutions of 1848; the effects of industrialization and urbanization; nationalism and imperialism; socialism, feminism, and conservative reaction; Modernist culture and the rise of the Avant-garde; the political and diplomatic antecedents to World War I.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• HST-412 Europe in the 20th Century

Prerequisites:

Sophomore standing or permission of instructor.

Credits:

4.00

Description:

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:

Humanities & History, Humanities Literature Requirement

- **HST-414 Nazi Germany**

Credits:

4.00

Description:

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

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-415 Ireland: Celts to Present**

Credits:

4.00

Description:

Irish origins and medieval background; Anglo-Irish history from the Tudor invasion of Ireland in 1534 to the present will be explored with emphasis on the interrelationship between developments in the two nations.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-417 Czech Cultural History**

Credits:

4.00

Description:

This is a seminar in Czech cultural history, especially as illuminated and viewed through Czech literature and philosophy of the nineteenth and twentieth centuries. Offered yearly in Prague as part of the Suffolk Semester in Prague Program.

Term:

Summer

Type:

Humanities & History, Humanities Literature Requirement

• **HST-418 Central European History**

Credits:

4.00

Description:

An examination of the situation and contributions of the principal Central European ethnicities (the Germans, Austrians, Czechs, Slovaks, Poles, Hungarians, and Ashkenazi Jews) and their political and cultural formations from early medieval times until the present. Included will be the Great Moravian Empire, the Holy Roman Empire, the Czech, Polish, and Hungarian kingdoms, the Austro-Hungarian and German Empires, the Middle European successor states after World War I, the Third Reich, the Soviet Empire, the fall of Communism of 1989, the subsequent transitions of the principal Central European states, and their relations with the European Union.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• **HST-422 European Cultural History II**

Credits:

4.00

Description:

The educated classes of Europe, their sociology and their culture, from 1800 to the present: nineteenth-century liberalism and conservatism, socialism, modernism, Totalitarianism, and Postmodernism.

Term:

Occasional

Type:

- **HST-426 Politics and Culture in Europe 1919-1939**

Credits:

4.00

Description:

This course examines 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:

Humanities & History, Humanities Literature Requirement

- **HST-427 Religion and Society in Europe: 1200-1600**

Credits:

4.00

Description:

This course will look at religion in European society from 1400-1650. We will examine organized religion and the personal devotional experiences of ordinary women and men. We will consider such topics as Catholic liturgy; the protestant and Catholic Reformations; the Wars of religion; and heresy and the Inquisition.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **HST-434 The New Europe Since 1945**

Credits:

4.00

Description:

The course will focus on the Soviet Union, Germany and their neighbor states, beginning with an exploration of the contradictory genesis of Glasnost and Perestroika in economic stagnation and in the liberation tradition of socialism. It examines the impact of these movements and their related dislocations on the Europe of the late 1980s and 1990s, as well as their implications for the new Europe of the twenty-first century.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **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

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-452 Ancient China Seminar**

Credits:

4.00

Description:

Topics in this seminar on ancient China will include the emergence of early Chinese states, feudalism during Chinese antiquity, the emergence of Confucianism and other competing political ideologies, and the consolidation of the imperial power.

Term:

Occasional

Type:

- **HST-469 African Amer Life-Slave & Free**

Credits:

4.00

Description:

This class is designed to provide students with a deeper understanding of the Reconstruction era by working with the microfilm of the Freedmen's Bureau papers. To accomplish this there will be a classroom component and an on-site component. In the classroom component, students will be introduced to the Reconstruction era and its history. In the on-site component students will work with the microfilmed copies of the Freedmen's Bureau papers. Class meetings will be divided between the Suffolk University campus and the National Archives and Records Administration (NARA) site in Waltham, MA. This course is identical to BLKST 469.

Term:

Occasional

Type:

Humanities & History,Humanities Literature Requirement

- **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

Type:

Humanities & History,Humanities Literature Requirement

- **HST-481 Boston History, Literature & Film**

Credits:

4.00

Description:

An interdisciplinary examination of the history of Boston. Special focus will be on Boston in fiction, poetry, and film, as well as on the analysis of historical documents and accounts. This course is recommended for History and Literature Honors majors. Jointly taught by professors from the History and English Departments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• **HST-H483 Honors Death, Disease, Healing- U.S. History**

Prerequisites:

Permission of the instructor required.

Credits:

4.00

Description:

This course investigates how Americans have understood and responded to health, illness, and death from the eighteenth century to the present. The course will examine interactions among patients, healers (orthodox and heterodox), the medical and scientific professions, business, and government. We will 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. Cultural Diversity A. This is an honors-level course.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• **HST-484 History of the Emotions**

Credits:

4.00

Description:

Do we all feel the same emotions across cultures and throughout history, or do we learn to feel according to the rules of our own time and place, or does the truth about human emotion lie somewhere in between? This course will first explore ideas about emotional life from the fields of history, anthropology, sociology, and psychology. We

will then turn to our own examination of 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 masculinity and femininity, romantic love and marriage, childrearing, and about what parents and children are supposed feel toward each other. How have ideas about these subjects changed over time - and do our feelings change with them?

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

• HST-494 Politics and Protest

Credits:

4.00

Description:

This course will examine the impact of organized reform movements on American History from 1800s to the 1960s. Themes include utopianism, assaults on injustice, and attempts to control the behavior of the undesirable groups. Topics include anti-slavery agitation and religious revivalism before the Civil War, problems of industrialism and the working class, progressive political and social reform, temperance and prohibition, women's suffrage and women's rights, civil rights and the counter culture.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

• HST-503 History: Theory & Practice

Prerequisites:

Permission of the instructor

Credits:

4.00

Description:

This course is intended for Honors students and for students interested in graduate study in history. It will focus on the nature of historical thought - with special attention to issues of current concern to the profession. A limited-enrollment seminar.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **HST-508 Study Trip to El Salvador**

Credits:

4.00

Description:

This course will examine the history of El Salvador through readings, discussion, film, and most importantly, a fortnight in the Central American nation. Our goal is to explore how events ranging from the Spanish conquest of the sixteenth-century, the nineteenth century indigenous uprisings against land concentration, and the bloody and divisive civil war of the 1980s shaped today's El Salvadorans. ECR

Type:

Expanded Classroom Requirement, Humanities & History, Cultural Diversity Opt B, Humanities Literature R

- **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:

History Internships require approximately 12 hours of work per week in a history-related position, for instance, at a museum, historical society, or archive, and are designed to introduce the student to the professional opportunities and responsibilities in the field 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

Type:

Humanities & History, Humanities Literature Requirement, Expanded Classroom Requirement

• **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:

Humanities & History, Humanities Literature Requirement

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

Credits:

4.00

Description:

This interdisciplinary course explores the roles and images of women in Western culture. Through class discussion and a close reading of texts from literature, film, history, art, psychology, and recent feminist scholarship, we will examine the realities of women's everyday lives and analyze gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics will 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. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A,Cultural Diversity BFA,Humanities & History,Humanities Literature Requireme

- **WGS-113 Women, Science, & Society**

Credits:

4.00

Description:

An exploration of women's lives from the perspective of the social and natural sciences. This interdisciplinary course examines recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship on these areas. Topics will 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. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A,Social Science

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

Credits:

4.00

Description:

This interdisciplinary course provides an introduction to 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, we will examine the pervasive influence of gender on the structure of society and our everyday experiences. What role does gender play in our understanding of love, friendship, sexuality, and even violence? Topics will 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:

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

Credits:

4.00

Description:

What can we learn from the books that teenage girls read? Our fondest memories of reading are often also memories of our earliest encounters with books - particularly those so mesmerizing that we would read them under our desks or by flashlight long after bedtime. This class will introduce students to some of the most interesting and complex Young Adult books targeted to young female readers. In addition to a wide array of novels, students will be exposed to theories of adolescent development, literary criticism, and social theory. We will consider how the dilemmas of girlhood have changed or stay constant. We'll also investigate the urge, so common in books for children and teens, to teach kids how to think and behave - what do we want teenage girls to know, and when would we rather keep them childlike and unaware?

Term:

Occasional

Type:

Cultural Diversity Opt A

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

Credits:

4.00

Description:

This course will investigate the complex intersections between feminism and popular culture through several different lenses. We will start by exploring some of the ways that feminists make arguments about popular culture. We will continue 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. We will also look at 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, among others. Along the way will be asking questions such as: what makes a work of art feminist? How does modern media contribute to or distract us from a variety of political debates in the realm of female equality? How can we, as individuals, use modern media to create and advance smart, feminist arguments? How can we create media that reflects a broader array of women's experiences and perspectives?

Type:

Cultural Diversity Opt A

- **WGS-315 Feminist Thought**

Credits:

4.00

Description:

What is feminist thought? How have feminists - both today and in history - understood inequality and difference, and what have they seen as the best ways to address these issues and bring about social justice? How do feminist theories 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? Students will read classic critical texts by authors including Mary Wollstonecraft, Anna Julia Cooper, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler. The course will analyze feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory. It will also consider anti-feminist arguments.

Type:

Cultural Diversity Opt A

• WGS-320 Writing Autobiography

Credits:

4.00

Description:

This interdisciplinary course explores autobiographies by African American, Hispanic, and Afro-Caribbean writers such as June Jordan, Edwidge Danticat, and Cornelius Eady. Other writers include David Sedaris and Lucy Grealy. Students will analyze these texts in terms of language, writing craft and story line. Students will also write their own autobiographies during the course of the semester by focusing on childhood memories, high school, and family life. Critical attention will be paid to the role race, class, ethnicity, gender and sexuality play in narrative identity. Students will learn creative writing techniques such as linear and nonlinear storytelling, dialogue, fantasy, showing verses telling, and monologue.

Term:

Occasional

Type:

Cultural Diversity Opt A

• WGS-325 Global Women's Fiction

Credits:

4.00

Description:

An exploration 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. A central theme of the course will be the analysis of the notions of female culture and image in an international and interdisciplinary context.

Term:

Occasional

Type:

Humanities Literature Requirement, Cultural Diversity Opt B

• 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.

Type:

Social Science

2013-2014 Archived Catalog Information

Humanities

The humanities division of the Department of World Languages and Cultural Studies offers major and minor programs that encourage and nurture a productive dialogue between the cultures of the past and the contemporary world. A student may concentrate on art history, music history, or general humanities (a broad survey of all forms of cultural production).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Humanities Courses](#)

The department offers the BA in art history, music history, and general humanities. All majors require ten courses/38-40 credits of coursework. See the requirements for [art history](#) and [music history](#).

General Humanities Major

Prerequisites

- ARH-101 Art History I

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- ARH-102 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:

Humanities & History, Humanities Literature Requirement

• **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:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B

• **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:

- **ENG-123 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:

Humanities & History, Humanities Literature Requirement

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

Credits:

4.00

Description:

Literary masterpieces from the 17th century to the 20th, including Don Quixote (Spain), Faust (Germany), Madame Bovary (France), War and Peace (Russia), One Hundred Years of Solitude (Colombia), The Rouge of the North (China), The Secret Life of Saeed the Pessoptomist (Israel), and So Long a Letter (Senegal). List may vary at the discretion of the instructor. Normally offered yearly.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **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:

Humanities & History, Humanities Literature Requirement

• PHIL-211 History of Modern Philosophy

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

Type:

Humanities & History, Humanities Literature Requirement

Six Advanced Courses

Two ARH courses at the 300-level or higher

Two MUH courses

Two courses in Literature and/or Philosophy selected from the following:

- Any ENG course numbered 217 or higher
- Any PHIL course except 119, 123, and 127
- Any GER course numbered 216 or higher
- Any FR course numbered 205 or higher
- Any SPAN course at the 300 or 400 level

Notes:

- A maximum of four courses taken at other institutions or as part of a study abroad program may apply toward the major.

- Departmental honors: Candidates must register for HUM 502 in the fall semester of the senior year and complete an honors thesis under the supervision of a faculty member. HUM 502 counts toward completion of the major.
- Any Seminar for Freshmen with a topic related to art/art history, music/music history, literature, or other areas of humanistic inquiry counts toward the major.

2013-2014 Archived Catalog Information

Humanities

The humanities division of the Department of World Languages and Cultural Studies offers major and minor programs that encourage and nurture a productive dialogue between the cultures of the past and the contemporary world. A student may concentrate on art history, music history, or general humanities (a broad survey of all forms of cultural production).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Humanities Courses](#)

Minors require six courses (24 credits) of coursework and are available in art history, music history, and general humanities. See the art history and music history pages of the catalog for specific requirements.

General Humanities Minor

Required (4 courses, 16 credits)

- ARH-101 Art History I

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- ARH-102 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:

Humanities & History, Humanities Literature Requirement

• **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:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt B

• **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:

- **ENG-123 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:

Humanities & History, Humanities Literature Requirement

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

Credits:

4.00

Description:

Literary masterpieces from the 17th century to the 20th, including Don Quixote (Spain), Faust (Germany), Madame Bovary (France), War and Peace (Russia), One Hundred Years of Solitude (Colombia), The Rouge of the North (China), The Secret Life of Saeed the Pessoptomist (Israel), and So Long a Letter (Senegal). List may vary at the discretion of the instructor. Normally offered yearly.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **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:

Humanities & History, Humanities Literature Requirement

• PHIL-211 History of Modern Philosophy

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

Type:

Humanities & History, Humanities Literature Requirement

Choose Two Advanced Courses (8 credits)

Two ARH or MUH courses at the 200-level or higher

Notes:

- A maximum of two courses taken at other institutions or as part of a study abroad program may apply toward the minor.
- Any Seminar for Freshmen with a topic related to art/art history, music/music history, literature, or other areas of humanistic inquiry counts toward the minor.

2013-2014 Archived Catalog Information

Humanities

The humanities division of the Department of World Languages and Cultural Studies offers major and minor programs that encourage and nurture a productive dialogue between the cultures of the past and the contemporary world. A student may concentrate on art history, music history, or general humanities (a broad survey of all forms of cultural production).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Humanities 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 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.

2013-2014 Archived Catalog Information

Humanities

The humanities division of the Department of World Languages and Cultural Studies offers major and minor programs that encourage and nurture a productive dialogue between the cultures of the past and the contemporary world. A student may concentrate on art history, music history, or general humanities (a broad survey of all forms of cultural production).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Honors](#)
- [Humanities Courses](#)

- **ARAB-101 Elementary Modern Standard Arabic**

Credits:

4.00

Description:

Mastery of the Arabic alphabet and phonetics. Elementary formal grammar and the development of reading and writing skills. Conversation in the formal non- colloquial style. One language laboratory session per week. For students with no previous knowledge. .

Term:

Offered Fall Term

Type:

BA FOREIGN

- **ARAB-102 Elementary Modern Arabic II**

Prerequisites:

ARAB 101 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from Arabic 101. One language laboratory session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

• **ARAB-201 Intermediate Modern Standard Arabic I**

Prerequisites:

ARAB 102 or permission of instructor.

Credits:

4.00

Description:

This course will apply the communicative approach to further develop proficiency in reading, writing, and speaking in Modern Standard Arabic. The class will also stress comprehension listening drills. Material will include authentic Arabic texts, print media, audios, and videos. Activities include conversation practice and brief discussions of topics related to Arab society and culture.

Term:

Offered Fall Term

Type:

BA FOREIGN

• **ARAB-202 Intermediate Modern Standard Arabic II**

Prerequisites:

ARAB 201 or Instructor's consent.

Credits:

4.00

Description:

Continuation of skills development from ARAB 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **ARAB-501 Directed Studies in Arabic Culture**

Prerequisites:

REQUIRES INSTRUCTOR'S CONSENT

Credits:

4.00

Description:

The subject of this course is the Arab Cultural History. The approach will be one which sees Arab culture as the system of shared ideas, attitudes, values, perceptions and meanings, explicit and implicit, which Arabs use to interpret the world and which serve to pattern their behavior. This approach of Arab cultural history encompasses a range of facets reaching from the most mundane aspects of their lives to the most transcendent of thoughts and aspirations. It includes an understanding of their art, literature, and history of a society, but also less tangible aspects such as attitudes, prejudices, folklore and so forth. This endeavor seeks to embrace and comprehend the complexity of Arab culture and to recount its history - from its pre-Islamic genesis (roughly the 520s A. D.) until the present - through a broad and wide-ranging presentation of Arab literature.

Term:

Occasional

- **ARAB-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

The subject of this course is the Arab Cultural History. The approach will be one which sees Arab culture as the system of shared ideas, attitudes, values, perceptions and meanings, explicit and implicit, which Arabs use to interpret the world and which serve to pattern their behavior. This approach of Arab cultural history encompasses a range of facets reaching from the most mundane aspects of their lives to the most transcendent of thoughts and aspirations. It includes an understanding of their art, literature, and history of a society, but also less tangible aspects such as attitudes, prejudices, folklore and so forth. This endeavor seeks to embrace and comprehend the complexity of Arab culture and to recount its history - from its pre-Islamic genesis (roughly the 520s A. D.) until the present - through a broad and wide-ranging presentation of Arab literature.

Term:

Occasional

Type:

BA FOREIGN

- **ARH-101 Art History I**

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

- **ARH-102 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:

Humanities & History, Humanities Literature Requirement

- **ARH-305 Art of Greece and Rome**

Credits:

4.00

Description:

An examination of the civic, religious, and domestic art and architecture of the Ancient Mediterranean cultures of Greece and Rome. Temples, forums, basilicas, city planning, sculpture, pottery, wall painting, mosaics, and engineering achievements will be examined in their cultural contexts.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• **ARH-306 Art of the Middle Ages**

Credits:

4.00

Description:

Religious and secular painting, sculpture and architecture and the minor arts in the context of medieval civilization. Examples of mosaic, ivory carvings, manuscript illumination, enamel work, stained glass, altarpieces, fresco painting, basilica churches, monasteries, and cathedrals from early Christian, Byzantine, Barbarian, Carolingian, Ottonian, Romanesque, and Gothic periods included.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• **ARH-307 Art of the Italian Renaissance**

Credits:

4.00

Description:

Painting, sculpture and architecture of the 14th, 15th, and 16th centuries in Italy viewed in their cultural context. Issues covered include the search for ideal form, the tools of realism, changes in patronage, and the development of portraiture. Artists include Giotto, Masaccio, Donatello, Leonardo da Vinci, Raphael, Michelangelo, and Titian.

Term:

Occasional

Type:

- **ARH-308 Art of the Baroque & Rococo**

Credits:

4.00

Description:

A study of 17th and 18th century painting, sculpture and architecture in Italy, Spain and Northern Europe. Artists include Rembrandt, Rubens, Caravaggio, Bernini, Poussin, Velasquez, Watteau, Boucher, Fragonard, Chardin, and Hogarth.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-309 Art of the 19th Century**

Credits:

4.00

Description:

A study of Neoclassicism, Romanticism, Realism, Landscape painting and Impressionism in European painting. Artists include David, Ingres, Friedrich, Constable, Delacroix, Goya, Courbet, Millet, Daumier, Manet, Monet, Renoir, Degas, and Cassatt.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-310 Modernism in Art**

Credits:

4.00

Description:

A study of European painting and sculpture from around 1880 to 1940, including Symbolism, Post-Impressionism, Fauvism, Expressionism, Cubism, Futurism, Suprematism, Constructivism, De Stijl, The Bauhaus, Dada and

Surrealism. Artists include Gauguin, Cezanne, Van Gogh, Matisse, Kandinsky, Picasso, Braque, Malevich, Mondrian, Duchamp, Masson, Magritte, Dali and Ernst. Normally offered alternate years.

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-311 American Art**

Credits:

4.00

Description:

A study of American painting, sculpture, photography and architecture from the colonial period through WWII. Artists include the Freake limner, Smibert, Copley, West, Stuart, Jefferson, Whistler, Sargent, Eakins, Homer, Ryder, Bierstadt, Cole Church, Bingham, Lane, Hosmer, Inness, Sloan, Sullivan, Wright, Hopper, Sheeler, Davis, Shahn, O' Keefe, Dove, Hartley, Marin, Bellows, Riis, Hine, Stieglitz, Strand, Weston, Steichen and Lange.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-312 Art of the Northern Renaissance**

Credits:

4.00

Description:

Painting, sculpture, and architecture of the 14th, 15th and 16th centuries in Northern Europe, viewed in their historical context. Issues included the invention of oil painting, the development of woodcut and engraving, the effect of the Reformation on art, and the relationship to the Renaissance in Italy. Artists include van Eyck, Durer and Brueghel.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

- **ARH-315 Modernism and Spanish Masters**

Credits:

4.00

Description:

This course examines the Spanish contributions to Modern art with a specific concentration on the Spanish masters Goya, Picasso, Dali and Miro. Through these artists, the course will explore one of the most controversial periods of Spanish and European history, from the 19th through the dawn of the 20th century. The course is offered only at Suffolk's Madrid campus. Students will take advantage of the rich cultural offerings of the city by making frequent visits to the Prado, Thyssen and Reina Sofia museums. (Taught in Madrid)

Term:

Occasional

Type:

Humanities Literature Requirement, Humanities & History

• **ARH-316 Contemporary Art**

Credits:

4.00

Description:

A study of European and American art since WWII, including Abstract Expressionism, Colorfield Painting, Pop Art, Minimalism, Neo-Dada, Happenings and Performance Art, Earth Art, Feminism, Neo-Expressionism and Post-Modernism. Artists include Bacon, Giacometti, Hofmann, Pollock, De Kooning, Frankenthaler, Rothko, Newman, Stella, Judd, Andre, Hesse, Calder, David Smith, Serra, Johns, Rauschenberg, Warhol, Lichtenstein, Smithson, Holt, Christo, Nevelson, Kaprow, Kosuth, Kruger, Sherman, Baldessari, Salle, Polke, Basquiat, Kiefer, and Haring.

Term:

Occasional

Type:

BFA Humanities Requirement, Humanities & History, Humanities Literature Requirement

• **ARH-318 Art and Museums Today**

Credits:

4.00

Description:

This course examines the art world of the past 20 or so years with special attention to the roles and exhibition practices of contemporary art museums and galleries. Questions addressed will include: Who are the major artists and what are the major trends in today's art world? What civic and educational roles have museums played historically, and what are their roles today? How do different approaches to exhibit display and interpretation fulfill

those roles? Class visits and assignments at the Boston Institute of Contemporary Art (ICA) and other local venues will examine these issues in practical application. This course fulfills the ECR requirement.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement, Humanities & History, Humanities Literature Requirement

• ARH-320 Visual Culture of New England

Credits:

4.00

Description:

This course explores the rich cultural heritage of New England from the late seventeenth century to the early decades of the twentieth. Particular attention will be paid to the role that New England and the city of Boston played within a national cultural context and in shaping our ideas of a distinctly New England aesthetic. One of the goals of this course is to explore the idea of the imagined and idealized New England, which has come to serve as a nostalgic symbol of America's past. Through an examination of paintings, sculpture, photography, architecture, and material culture, the class offers an in-depth look at the ways New England developed its distinctive character and personality, and how its visual culture has shaped the region.

Term:

Alternates Fall & Spring

Type:

Humanities Literature Requirement, Humanities & History

• ARH-321 Women, Art & Society

Credits:

4.00

Description:

This course covers women artists from the sixteenth century to the present as well as the new direction of art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, Cultural Diversity Opt B, BFA Humanities Requirement, Cultural Diversity BFA,

- **ARH-347 History of Photography**

Credits:

4.00

Description:

An introduction to the study of photographs. The history of the medium in Europe and America from its invention to the present. Lectures address photographic theory and methodology, and photographs are studied both as art objects and as historical artifacts. Topics include portraiture, documentary photography and photojournalism, Pictorialism and art photography, landscape photography, and issues of gender, race, identity, and the body.

Term:

Occasional

Type:

Humanities Literature Requirement, Humanities & History

- **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:

Humanities Literature Requirement, Humanities & History

- **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

Type:

Humanities & History, Humanities Literature Requirement

• **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

Type:

Cultural Diversity Opt A, BA FOREIGN

• **ASL-102 Elementary American Sign Language II**

Prerequisites:

ASL 101

Credits:

4.00

Description:

Continuation of ASL 101. Patterns of lexical and grammatical structure reviewed and extended. Additional materials on the Deaf community and its culture. One language laboratory session per week.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, BA FOREIGN

- **CHIN-101 Elementary Chinese I**

Credits:

4.00

Description:

Introduces Modern Standard Chinese (Mandarin) with an emphasis on developing conversational skills by using fundamental grammatical patterns and vocabulary in functional contexts. Basic reading and writing (in simplified characters) are also taught.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **CHIN-102 Elementary Chinese II**

Prerequisites:

CHIN 101 or Instructor's consent.

Credits:

4.00

Description:

Continuation of Chinese 101 with emphasis on developing basic skills to read and write modern colloquial Chinese. The reading, writing and oral skills will be taught on the basis of fundamental grammatical patterns and vocabulary in context.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **CHIN-201 Intermediate Chinese I**

Prerequisites:

CHIN 102 or Instructor's consent.

Credits:

4.00

Description:

Emphasis on improving Chinese skills in the areas of speaking, listening, reading, and writing. Expansion of vocabulary and further study of grammar. Discussion of assigned readings primarily in Chinese.

Term:

Offered Fall Term

Type:

BA FOREIGN

• **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

Type:

BA FOREIGN

• **CHIN-305 Advanced Conversation and Composition I**

Prerequisites:

CHIN 202 or Instructor's consent.

Credits:

4.00

Description:

Students will be encouraged to perfect their speaking and writing skills in modern standard Mandarin. Various resources such as authentic texts, video and audio recordings, as well as discussions on current events will be done in conjunction with assigned essays.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

- CHIN-306 Advanced Conversation and Composition II

Prerequisites:

CHIN 305 or Instructor's consent.

Credits:

4.00

Description:

Continuation of skills developed from Chin 305.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

- CHIN-311 Survey of Chinese Literature & Culture I

Credits:

4.00

Description:

This is an introductory and interdisciplinary course on Chinese civilization and traditional Chinese literature. It will provide the student with an introduction to the cultural legacy and literature of China from the archaeological origins of Chinese civilization to the period of the mature imperial state in the 11th century (Song Dynasty). 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.

Term:

Alternates Fall & Spring

Type:

Asian Studies,BSBA SOCIAL CHANGE

- CHIN-314 Traditional Chinese Society From 1800-1949

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

Type:

Asian Studies

- **CHIN-510 Independent Study**

Credits:

4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Type:

Asian Studies

- **FR-101 Elementary French I**

Credits:

4.00

Description:

Emphasis on developing reading, writing, speaking, and listening skills. Audio-visual and textual materials based on French cultural themes. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

- **FR-102 Elementary French II**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 101. Offered every spring semester.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **FR-201 Intermediate French I**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

This writing-intensive course examines short readings, films, and print media in the development of language skills. Regular language laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **FR-202 Intermediate French II**

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

• **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

This course explores the francophone world through the media of literature and film. Selected works of francophone literature will be linked to writing exercises and conversation activities.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,BA FOREIGN

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

Credits:

4.00

Description:

A study in English or representative works by major authors from the middle ages to the present. Genres: drama, fiction, and poetry. Regions: Africa, Western Europe, North America and the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities Literature Requirement

- **FR-305 Advanced Conversation and Composition And Grammar**

Prerequisites:

FR 202 or Instructor's consent.

Credits:

4.00

Description:

This course encourages the student to perfect conversational and writing skills in French. Authentic language and formal writing skills are detailed in this course. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne, or Suffolk-Dakar Programs.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **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

Type:

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

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

A study of French literature from medieval times to the 18th century.

Term:

Offered Fall Term

Type:

Humanities Literature Requirement,BA FOREIGN

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

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

An analysis of the classic texts of French literature from nineteenth, twentieth and twenty-first centuries as they relate to important events in the art, culture, and history of France.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **FR-314 Marie Antoinette, Fashion Revolutionary**

Credits:

4.00

Description:

Marie-Antoinette refused to wear the clothing given to her by Robespierre for her beheading. Instead she donned a muslin chemise and a bonnet that she had kept hidden in her bedding for the occasion. Was she making a final fashion statement, or is this a final act of defiance by refusing to give up control? In this class we address questions like these and examine the discourse of fashion, visual culture and image in pre-revolutionary France. We will also analyze the relationship of dressing to image and the body politic of eighteenth-century France. The class is taught in English, and is cross-listed with the Gender and Women's Studies Program. This class can be counted toward the French or French Studies major or minor.

Term:

Occasional

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

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to the basic trends of French literature in the context of a general thematic. While giving critical attention to the theme of love and its manifestations in representative works, this exploration also provides a base from which the student can access the evolution of French Literature. We will situate each work we study in its proper historical context while paying close attention to the evolution of literary genres and parallel trends in the formal study of literary discourse. In this class we will address various thematics that accompany a traditional survey of literature course such as, critical discourse, aesthetic representation, literary movements, genre, constructions of sexual identities, sexual politics and representations of ethnicity, class and culture.

Term:

Occasional

Type:

BA FOREIGN

- **FR-316 Masterpieces of Theatre**

Prerequisites:

Take FR-205 and FR-305 or instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to major plays written in French from the seventeenth to the twenty-first centuries, with a focus on both the works themselves and the socio-historical contexts in which they were written. Students will read, analyze, and produce scenes from the plays as well as produce, direct and perform select scenes at the end of the semester. Authors studied may include Moliere, Marivaux, Beckett, Ionesco, Sartre, Camus, Genet, Anouilh, Sarraute, Reza, and Schwarz-Bart. Normally offered every two years

Type:

BA FOREIGN

- **FR-317 Drifting Far From Home: the Representation of Travel in French Literature**

Prerequisites:

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

Credits:

4.00

Description:

This course examines literature written in the French language that focuses on the experience of travel. Primary texts will span from the nineteenth century to the twenty-first century, while secondary sources will explore the theoretical underpinnings of the concept of travel. Students will be encouraged to read the literature in light of theoretical considerations formulated to better understand the experience of travel and its literary and critical uses.

Type:

BA FOREIGN

- **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:

This course examines literature written in the French language focusing on memoir, essays and autobiography. Authors such as Montaigne, Jean-Jacques Rousseau, Alphonse de Lamartine, Andre Gide, Sidonie-Gabrielle Colette, Marguerite Duras, Simone de Beauvoir, Linda Le, Daniel Maximin, Assia Djebar, Maryse Conde and Annie Ernaux may be included. Our readings will be informed by a range of literary theory which will inform our discussion on the differences between autobiography and autofiction and the question of truth and the fallibility of memory.

Type:

BA FOREIGN

- **FR-401 Special Topics in French and Francophone Studies**

Credits:

4.00

Description:

This seminar examines a range of topics in French and Francophone Studies. It provides individualized guidance and promotes advanced-level research in the special topic area.

Term:

Occasional

Type:

BA FOREIGN

- **FR-421 Sejour Linguistique en France**

Prerequisites:

FR 201-202 or permission of instructor

Credits:

4.00- 8.00

Description:

This course is an immersion program in Vichy, France through our partnership with CAVILAM. Students are housed with families, participate in excursions, and take classes that are conducted entirely in French. This is an excellent opportunity to improve one's proficiency in French, to learn more about French Studies, and to live in a French-speaking country.

Term:

Summer

Type:

Expanded Classroom Requirement,BA FOREIGN

- **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:

This course is an immersion program in Paris, France through our partnership with CCFS-Sorbonne. Students are housed with families, participate in excursions, and take classes that are conducted entirely in French. This is an excellent opportunity to improve one's proficiency in French, to learn more about French Studies, and to live in a French-speaking country.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement, BA FOREIGN

• FR-502 Honors Senior Thesis in French

Prerequisites:

Senior Standing and permission of Dept. Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member offered every fall semester.
Prerequisites: Senior standing & permission of the department chair.

Term:

Offered Fall Term

Type:

BA FOREIGN

• FR-510 Independent Study

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Type:

BA FOREIGN

• **FR-T212 Business French Tutorial**

Prerequisites:

FR-201 and FR-202 or instructor's permission

Credits:

1.00

Description:

INSTRUCTOR'S CONSENT Tutorial studies of the terminology, organization and practice of business in the French-speaking world.

Term:

Offered Both Fall and Spring

• **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

Type:

BA FOREIGN

• **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:

BA FOREIGN

• **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:

BA FOREIGN

• **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:

BA FOREIGN

- **GER-216 Masters of German Literature in English Translation**

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

Type:

Humanities Literature Requirement

- **GER-218 Grimms' Fairy Tales**

Credits:

4.00

Description:

A critical reading of Grimms' Fairy Tales in the cultural, literary, and political context of the times in which they were collected, edited, and read. Comparisons will be drawn with 20th/21st century cinematic adaptations. The investigation will include uncovering reasons for the graphic violence present in the tales. The contributions of major folklore scholars will also be discussed. The texts will be read in English translation.

Term:

Occasional

Type:

Humanities Literature Requirement

- **GER-301 German Civilization**

Prerequisites:

GER 202 or instructor consent

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the Reformation to German unification (1871). Major figures, movements, and periods. Art, literature, music, and philosophy in the context of political and economic developments. Normally offered alternate years.

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• **GER-302 German Civilization II**

Prerequisites:

GER 202 or consent of instructor.

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the late 19th century to the present. Major figures, movements, and periods. Art, literature, music, philosophy, and popular culture in the context of political and economic developments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• **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

Type:

BA FOREIGN

• 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

Type:

BA FOREIGN

• 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

Type:

Humanities & History, Humanities Literature Requirement

- **GER-310 Masterpieces of German Literature**

Prerequisites:

GER 202 or Instructor's Permission

Credits:

4.00

Description:

A reading of major works in the context of cultural trends and historical developments. Includes such texts as Goethe's Faust, Grimm's fairy tales, a selection of poetry, dramas, and short prose pieces, and at least one novel. GER 301 or GER 302 strongly recommended.

Term:

Occasional

Type:

Humanities Literature Requirement,BA FOREIGN

- **GER-320 The German Press**

Prerequisites:

GER-202

Credits:

4.00

Description:

A comparative reading of articles from the German language press on such topics as contemporary culture, the environment, the European Union, globalization, immigration, minorities and the women's movement.

Term:

Occasional

Type:

BA FOREIGN

- **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.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• **GER-419 East Germany and the Cold War**

Credits:

4.00

Description:

When the German Democratic Republic was founded in 1949, observers in the West viewed it as an artificial construct created to serve the needs of the Soviet empire. The self-image of the GDR as created by its leadership revolved around the idea of an anti-fascist German state designed as a bulwark against any revival of National Socialism. Over a generation after the fall of the Berlin Wall, it is possible to undertake a dispassionate analysis of the forty-year history of the 'other' German state as manifested in its cultural identity and political role during the Cold War. Cross- list with GVT 472/872

Term:

Occasional

Type:

Social Science

• **GER-420 The Greens and Environmentalism**

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g. alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-list with ENST 420/GVT 420/620.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **GER-502 Honors Thesis**

Prerequisites:

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

Type:

BA FOREIGN

- **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:

BA FOREIGN

- **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:

BA FOREIGN

- **HUM-103 Introduction to Asian Studies: Scope of The Discipline**

Credits:

4.00

Description:

An interdisciplinary introduction to Asian Studies will touch upon the history, politics, economics, philosophy, geography, and culture of Asia. Sample topics include international relations, political economy, religious and cultural exchanges, Asian experience in America, and the role of Asia in the 21st century. Students will develop conceptual frameworks for exploring the subjects covered by the Asian Studies curriculum. Cross-list with AS100/HST100

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **ITAL-101 Elementary Italian I**

Credits:

4.00

Description:

Practice in both oral and written language skills. Audio-visual and textual materials based on Italian cultural themes. One language laboratory session per week.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **ITAL-102 Elementary Italian II**

Prerequisites:

ITAL-101 or instructor's permission

Credits:

4.00

Description:

Continuation of skills development from 101.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **ITAL-201 Intermediate Italian I**

Prerequisites:

ITAL 102, or Instructor's consent

Credits:

4.00

Description:

Review of grammar, practice in spoken Italian, with cultural and literary readings along with composition and translation. Language laboratory sessions as assigned.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **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. One language lab session per week.

Term:

Offered Fall Term

Type:

BA FOREIGN

• JPN-102 Elementary Japanese II

Prerequisites:

JPN-101 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills developed from JPN 101. Emphasis on active command of spoken Japanese. Improvement in pronunciation and conversational skills. Further development in vocabulary, grammar, reading and writing. One language lab session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

• JPN-201 Intermediate Japanese I

Prerequisites:

JPN-102 or Instructor's consent

Credits:

4.00

Description:

Emphasis on improving Japanese skills in the areas of speaking, listening, reading, and writing. Expansion of vocabulary and further study of grammar. Discussion of assigned readings primarily in Japanese. Work in the language lab (one hour per week) and use of sources from the Internet are coordinated with class work.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **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

Type:

BA FOREIGN

- **JPN-510 Independent Study**

Prerequisites:

Instructor's Permission required.

Credits:

4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them

- **LACS-500 Honors in Latin American and Caribbean Studies**

Prerequisites:

Credits:

4.00

Description:

Candidates must register for a special research project in the fall semester of the senior year and complete a senior thesis under the supervision of a faculty member participating in the Latin American and Caribbean Studies Program.

Term:

Offered Fall Term

• MUH-101 History of Music I

Credits:

4.00

Description:

A chronological survey of Western music from Gregorian chant to the death of Beethoven. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

• MUH-102 History of Music II

Credits:

4.00

Description:

A chronological survey of Western music from Schubert to the present. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-110 Music Theory**

Credits:

4.00

Description:

Topics in music history and theory, including terminology, notation, scales, chords, and basic composition, score analysis and aural skills, historical periods and genres. Assignments include reading, writing, listening, and class discussion.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Survey from Colonial times to the present. Various attempts to create an indigenous style. Folk, religious music and symphonies, jazz and American musical theater. Composers include Billings, Beach, Ives, Copland, Bernstein and others.

Term:

Alternates Fall & Spring

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-212 Popular Music in the United States**

Credits:

4.00

Description:

This course covers various popular music styles that emerged in the United States of America in the twentieth century, including blues, music theater, jazz, country, rock and hip-hop. In addition to representative musical selections, emphasis will be placed on various social and cultural factors that helped foster these new popular music styles.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-221 History of Women in Music**

Credits:

4.00

Description:

The history of music from the Middle Ages to the present presented in the lives and music of women composers, performers, and writers. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **MUH-223 World Music**

Credits:

4.00

Description:

Selected topics in the folk and traditional music of Africa, the Near East, the Far East, and the Pacific, examined in the context of their cultures and their roles in the life of the indigenous peoples of those areas. Assigned readings, critical listening, class discussion, and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **MUH-227 Jazz**

Credits:

4.00

Description:

Evolution of jazz from blues and ragtime through Dixieland and the avant-garde experiments of today. Contributions of major soloists, arrangers and composers. Listening, reading and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• **MUH-233 The Blues**

Credits:

4.00

Description:

Selected topics dealing with the blues from its origins in various Southern regions of the U.S., through its post-war urban relocation, up to modern interpretations in rock, rap, pop, and hip-hop today. Blues music, both technically and culturally, will be considered from the artist's perspective as a form of African-American expression and American/African-American oral history, as well as a unique indigenous form of American music. Influences of European, African, Country and Jazz styles will be examined, as well as the themes of race and alienation, and similar socio-cultural influences that have shaped and defined the music over time.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• **MUH-331 Music in Film**

Credits:

4.00

Description:

This class studies the history and development of film music through reading, lecture and class listening. We investigate the process of film scoring, and how music and its relationship to film have changed over the last century. The class includes discussion and evaluation of different compositional styles and practices to listening critically to film scores while viewing movies.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-510 Independent Study**

Prerequisites:

Instructor's Consent.

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

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-510 Independent Study**

Credits:

1.00- 4.00

Description:

Substantive reading/research in area of special interest directed by a faculty member.

- **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. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-102 Elementary Spanish II**

Prerequisites:

SPAN 101 or Instructor's consent

Credits:

4.00

Description:

A continuation of skills development from 101. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **SPAN-105 Overview of Spanish Culture**

Credits:

1.00

Description:

This course, open only to students from Maryville University of St. Louis, offers a broad survey of Spanish history and culture. It focuses principally on key elements of geography, history, sociology, politics and traditions. The course will place special emphasis on Spanish culture and its problematic modernization, which is an issue with very important consequences for the intellectual productivity of this country.

- **SPAN-201 Intermediate Spanish I**

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

A systematic review of Spanish grammar and study of Spanish through materials of cultural interest. Development of written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-202 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:

BA FOREIGN

- **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

Type:

BA FOREIGN

- **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:

Further development of written and oral skills in various contexts. 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 will include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-299 Translation Workshop**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent

Credits:

4.00

Description:

This course aims to introduce students to translation techniques through direct practice and to consider what makes a good translation. Material will be selected from a wide variety of sources and will increase in difficulty as the course goes on. The emphasis will be on translation from Spanish into English, but some work will be done on translation into Spanish. Students will be expected to complete regular homework assignments for which grades will be given. (Madrid campus only)

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

Prerequisites:

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

Credits:

4.00

Description:

An exploration of some key Peninsular and Latin American cultural materials: works in four different literary genres (narrative, drama, essay and poetry), films, and songs. Development of specialized vocabulary and critical skills required in more advanced Spanish courses, through close readings and textual analysis.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement, BA FOREIGN

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

Prerequisites:

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

Credits:

4.00

Description:

A survey of Hispanic Civilization emphasizing the contributions of Spanish-speaking peoples to the Western tradition in art, thought and letters. Concentration on the Iberian Peninsula, with an emphasis on the contributions of Christian, Jewish and Moslem cultures in Spain.

Term:

Alternates Fall & Spring

Type:

- **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:

A survey of the civilization of Latin America highlighting its historical development, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music and film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **SPAN-305 Living in Translation**

Prerequisites:

SPAN 250, 290, or 300 or Instructor's consent.

Credits:

4.00

Description:

An introduction to some of the basic techniques applied in translating the written and spoken word. Examples will be drawn from literature, the mass media and professional sources. Additional grammar review provided as needed.

Term:

Occasional

- **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)

Type:

BA FOREIGN

- **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:

BA FOREIGN

• SPAN-370 Jewish, Islamic, & Christian Spain

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent. SPAN 350 is strongly recommended

Credits:

4.00

Description:

An exploration of the diverse facets of Jewish-Muslim-Christian convivencia (dwelling together, coexistence). The course focuses on religious, cultural, economic and psychological aspects of contemporary Spain which owe their very existence to the history of multiculturalism in Spain. Visits to significant cities such as Toledo, will offer the student the possibility of experiencing first-hand the rich and diverse cultural heritage of present-day Spain. The primary goal of this course is to offer examples of peaceful and fruitful cooperation among the three major religions of the world and to prove that such an ideal is not a utopia. (Madrid campus only)

Type:

BA FOREIGN

• SPAN-390 Introduction to Latin American and Caribbean Literature

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Authors from Latin America and the Caribbean will be examined in their historical and cultural contexts. Readings and class discussions will 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 Ines de la Cruz, Jose Marti, Jorge Luis Borges, and Gioconda Belli will be among some of the writers studied.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

• SPAN-401 Classical Spanish Literature

Prerequisites:

SPAN 300; SPAN 301 is strongly recommended.

Credits:

4.00

Description:

A survey of Spanish literature from El Poema del Cid to El Quijote with emphasis on cultural currents and their relationship to the history of the period. Readings include poetry, drama and prose.

Term:

Occasional

Type:

Humanities Literature Requirement,BA FOREIGN

- **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

The relationship between social history, cultural identity and artistic expression will be explored through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, truth, mass culture and gender will be among the issues addressed. Readings will include novel, short story, poetry and drama. Films and documentaries will also be considered to further illustrate the connections between society and text.

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities Literature Requirement,BA FOREIGN

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Through fiction, non-fiction, drama, poetry and film, this course will explore the changing roles of women in Mexico, the Caribbean, Central and South America. Special focus will be placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• **SPAN-407 Latin American Short Narrative**

Prerequisites:

Spanish 300; or Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

An exploration of some of the major trends in twentieth century Latin American story telling. Readings reflect the vast array of voices and styles, beginning with the fantastic literature of the 1930's, the birth of magical realism and the more contemporary socio-political narratives. Authors will include Maria Luisa Bombal, Julio Cortazar, Rosario Castellanos, Gabriel Garcia Marquez, Juan Rulfo, Luisa Valenzuela, among others.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• **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:

A survey of films from Argentina, Mexico, Cuba, and other Latin American countries. Taking the Cuban Revolution as our point of departure we shall explore the relationship between film and society and think about how our own understanding of a culture and its history is often shaped by the images that we receive on the screen. All films shown in Spanish with English subtitles. Discussions in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **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:

The myth of a singular Latino experience in the United States will be examined through a variety of genres and authors. Issues of heritage, identity and the joys, struggles and challenges of growing up Latino/a also will be addressed. Among the writers read will be Sandra Cisneros, "House on Mango Street," Junot Diaz, "Drown," Esmeralda Santiago, "When I Was Puerto Rican," Tato Laviera, "AmeRican."

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• 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)

Type:

BA FOREIGN

• 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:

This course examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers we will study represent mainstream as well as marginal voices which address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean and Mexico. All texts available in both Spanish and English translation.

Term:

Occasional

Type:

Humanities Literature Requirement, Cultural Diversity Opt B, BA FOREIGN

• SPAN-423 Spanish Women Writers: Narrating the Self

Prerequisites:

Take SPAN-290 or SPAN-300; or instructor's consent. SPAN-350 is strongly recommended

Credits:

4.00- 8.00

Description:

A selection of representative examples of Spanish narrative from the 19th century to the present will be studied in the context of current feminist and psycho-critical theories. Readings will include domestic writings by the mid-century generation; Romantic, Realist, and Modernist writers, and narratives of both the post-war generation and the new wave of Contemporary women writers. Prerequisite: Spanish 290 or 300 or consent of instructor.

Language of instruction: Spanish (Madrid campus only)

Type:

BA FOREIGN

• 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:

This course will focus on the dynamic relationships that exist between art (both visual and lyrical) and the written word. By reading twentieth century authors from Latin America and the Caribbean and juxtaposing their work with that of other artists who explore similar themes, students will examine the multiple ways in which art and literature contribute to our understanding of life in Latin America and the Caribbean. Music, paintings, photography, poetry, and prose will be among some of the genres studied.

Term:

Occasional

Type:

BA FOREIGN

• SPAN-427 Border Theater in the New Millennium

Prerequisites:

SPAN 290 or 300 or Instructor's consent

Credits:

4.00

Description:

One hundred and sixty 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- Mexico Border. Emphasis will be on contemporary border theater and film. The works of Salcedo, Mijares, Rascon Banda, and others will be studied as well as contemporary films and documentaries such as "Senorita Extraviada", "The Gatekeeper", "Crossing Arizona", and much more.

Term:

Occasional

Type:

BA FOREIGN

• **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 will closely examine the contemporary world of Latin American Theatre. A study of basic theatre concepts and methodology will prepare 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 will also be part of the course framework.

Term:

Occasional

Type:

BA FOREIGN

• **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

Type:

BA FOREIGN

• **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

Type:

BA FOREIGN

• **SPAN-T301 Business Spanish Tutorial**

Prerequisites:

Instructor's consent.

Credits:

1.00

Description:

Tutorial studies of the terminology, organization and practice of business in the Spanish-speaking world.

Term:

Alternates Fall & Spring

• SPAN-T302 Business Spanish Tutorial

Prerequisites:

Instructor's consent.

Credits:

1.00- 2.00

Description:

Tutorial studies of the terminology, organization and practice of business in the Spanish-speaking world.

Term:

Alternates Fall & Spring

2013-2014 Archived Catalog Information

Illustration

NESAD offers a Bachelor of Fine Arts (BFA) in Illustration. Our illustration program includes elements of graphic design and fine arts, while incorporating business, theory, and art history within the framework of a traditional liberal arts core.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Illustration BFA Requirements](#)
- [Illustration Minor Requirements for BFA Students](#)
- [Illustration Minor Requirements for BA/BS Students](#)
- [Illustration Course Descriptions](#)

Illustration BFA Curriculum

The BFA in Illustration requires 28 courses (88 credits) in the major field.

Courses numbered 200 and above have as a prerequisite the completion of the foundation program or its equivalent. Exceptions may be made only with the permission of the instructor and the illustration program director. The letter "S" preceding the course number indicates a studio course.

First Year

Fall Semester (17 credits)

- ADF-S101 Foundation Drawing I

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

- ADF-S166 2D/Color

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.

- **ADF-S171 Integrated Studio 1**

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.

- **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

Seminar for Freshmen

Spring Semester (16 credits)

- **ADF-S102 Foundation Drawing II**

Prerequisites:

ADF S101

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 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, ADF S551, ADF S166, or ADF S566

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-S172 Integrated Studio 2**

Prerequisites:

ADF S101

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.

- **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

Second Year

Fall Semester (17 credits)

Ethical & Philosophical Inquiry OR Literature

- **ADIL-S201 Illustration I: Visual Communication**

Prerequisites:

Take ADF-S102 ADF-S143 ADF-S151;

Credits:

3.00

Description:

This course introduces fundamental concepts and principles of visual communication, with emphasis on the development of visual literacy," which is the basis for understanding the issues involved in effective communication of ideas and storytelling. Topics include staging, atmosphere, sequential narrative and timing, iconography, visual metaphor and analogy, and the meaning inherent in all visual forms (composition, style, and technique). Informed by lecture, discussion, examples, and selected readings, students explore these concepts through a series of assignments, each presenting a different set of defined objectives and considerations related to audience and general function of the illustration (descriptive, expressive, narrative, iconographic, metaphoric, etc.). Through preliminary studies and sketches, students are encouraged to explore multiple solutions and strive for the most successful results, with thoughtful consideration of concept, drawing issues, composition, and technical concerns. Student work is evaluated on the basis of originality and effectiveness (process, appropriateness, readability, visual impact).

Term:

Offered Fall Term

• ADIL-S223 Traditional Techniques in Illustration

Prerequisites:

Take ADF-S102, ADF-S151, and ADF-S143;

Credits:

3.00

Description:

This course provides students with an opportunity to explore a variety of wet and dry media, materials, tools and approaches traditionally used for illustration. Imagery that is reproduced and distributed in print form must dry quickly and reproduce well, and because historically, it has been necessary to transport, store and reproduce illustration, it is typically (but not always) relatively small in format. Media include ink, transparent watercolor, gouache, acrylic, oil, pastel, color pencil, on a variety of surfaces, handled expressively or with precision and often used in combination. In this course, assignments address a range of subject matter, rendered or painted from direct observation, still life, wildlife, urban and natural landscape, portrait, and clothed figure. Preliminary exercises provide opportunities for experimentation and technical practice. Assignments are evaluated on the basis of technical process and proficiency, composition (cropping), knowledge of issues related to readability and reproduction, and the mixing of pigment to match observed value and color, as an indication of understanding and skillful application of color theory

Term:

Offered Fall Term

- **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-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

Type:

Humanities & History, Humanities Literature Requirement

Or

- **ARH-101 Art History I**

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

Spring Semester (17 credits)

ADIL-S305 Figure in Context OR ADFA-S212 Figure Painting.
ADIL-S255 Digital Techniques OR ADG-S219 Computer Applications in Design
Natural Sciences

- ADIL-S202 Illustration II: Process & Practice

Prerequisites:

ADIL-S201;

Credits:

3.00

Description:

This course expands on concepts and principles introduced in Illustration I, with special emphasis on idea generation and the process of picture making. Through sequenced illustration assignments, students explore customary illustration practices as they have evolved from the days of early book illustration and letterpress technology to contemporary demands for immediate changes to digital files. Because illustration typically involves creative collaboration (art direction), because it is an applied art, with explicit purpose and function, and because it has traditionally been produced to be reproduced, the illustration process typically involves a series of steps, including preliminary research, brainstorming, thumbnail sketches, concept and layout approval, compositional studies, collection or creation of visual reference, tight sketches, image approval, comprehensive roughs and final art, with final approval. There may be particular requirements for presentation and formatting, depending on whether the image is for print or digital reproduction. Illustrators have always used a wide variety of media and techniques; most of them devise unique methods that contribute to a unique personal style. In this course, each assignment addresses an instructor-defined set of parameters related to a particular illustration market, a target audience and an application. Students practice visual problem solving within these constraints, using their choice of media, approach and technique. 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. Evaluation is based on the results, on the efficiency and effectiveness of the preliminary process, and on the ability of students to maintain artistic integrity while, at the same time, satisfying assignment requirements.

Term:

Offered Spring 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

Type:

Humanities & History, Humanities Literature Requirement

Or

• **ARH-102 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:

Humanities & History, Humanities Literature Requirement

Third Year

Fall Semester (17 credits)

• **ADIL-224 History of Illustration**

Credits:

4.00

Description:

This course focuses on the study of how images have been used to illustrate ideas, tell stories, convey information, and assist in human communication throughout history. Students will become familiar with the historical antecedents of modern illustration, followed by an in-depth study of the individual movements and

overall sweep of illustration from the late 19th century through the present. Particular attention will be paid to the impact printing and other reproduction and distribution technologies have had on the evolution of modern illustration. Studies will include lectures and selected readings. Students will be asked to write and present research projects as well as critical essays. Normally offered spring semester.

• 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 function (how style conveys meaning), and the role and impact of stylistic trends in illustration. It incorporates a historical survey of visual style in both the fine and applied arts. Effective illustration employs style in support of expressive and conceptual purpose. Individual artistic style evolves naturally from a particular technical approach, a unique combination of competencies and weaknesses, influenced by aesthetic preferences. Individual style both reflects and helps to define the contemporary culture in which it is produced. In this course, the topic of art direction is explored and discussed, as well as the rationale behind the choices of commercial art buyers and the general public. Each assignment involves a specific set of parameters related to subject and identify and take advantage of every opportunity for creative freedom that exists within every composition. Students are encouraged to explore their preferred media and technical approach as they develop awareness of the element that contributes to their own unique style. Evaluation criteria include the impact of appropriate style and the relative effectiveness of each illustration.

Term:

Offered Fall Term

• ADG-S201 Basic Typography

Prerequisites:

ADF S151

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

Studio Elective

Natural Science

Spring Semester (13 credits)

Two Studio Electives

Math or Quantitative Reasoning OR Art History Elective

- 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 develop a synthesis of concept, process, technique and style. Students are encouraged to challenge themselves and extend their skills in search of fresh, innovative and personal ways to express visual ideas, without dismissing the need to address assignment parameters related to practical application. A variety of illustration assignments allow students to focus on an efficient and dependable ideation process, refinement of personal style and technical competence in the use of a preferred media. Progressing from instructor-defined objectives to student-defined objectives, students are challenged to pursue personal solutions within pre-determined parameters. The key to impressive illustration concepts and execution usually depends on adequate preliminary research and efficient (time-conscious) preliminary process. Assignments vary in terms of the quantity and type of research and visual reference required. Preliminary stages will be discussed and critiqued by both instructors and peers. As students explore viable solutions for each assignment, they have the opportunity to practice professionalism in reaction to the instructor's art direction. In the final weeks of the semester, students are asked to develop a draft proposal for an Illustration Studio Project the following semester. This draft must be approved by the instructor and a final proposal must be approved by the Illustration Studio Project instructor in the fall. Evaluation of student work and participation will emphasize creativity, technical competency and professional approach.

Term:

Offered Spring Term

Fourth Year

Fall Semester (13 credits)

Studio Elective Art History Elective OR Math and Quantitative Reasoning

- ADIL-338 Illustration Professional Practice

Prerequisites:

Credits:

3.00

Description:

This course introduces students to contemporary professional practices within a broad range of specializations and related fields. Students identify their personal interests, particular capabilities and strengths, career priorities and goals, and other preferences that will influence their decisions and future lives as creative professionals. Self-employment issues are explored in depth, since most illustrators work as freelancers, contractors, or entrepreneurs, but small business practices are also covered. Marketing and self-promotion are particularly relevant subjects. Students identify and investigate potential clients and employers, professional competitions, and professional organizations that provide opportunities for networking. Based on his or her personal and professional goals, each student produces a professional resume, designs an effective logo, designs direct marketing/email promotions and prepares their artwork for offset printing. Important topics like reproduction rights, pricing and negotiation are discussed in depth, in addition to legal contracts and bookkeeping. Contemporary issues within the illustration profession are discussed, as are practical issues like income tax expenses and exemptions, sales tax, unemployment and disability insurance, retirement plans, etc. Students will contact legal professionals and practice their interviewing and presentation skills. In addition, students plan, research, and write proposals for two courses (collaboration and Studio Project) in the following final semester.

- **ADIL-S401 Studio Project**

Prerequisites:

Take ADIL-S302 and ADIL-S338;

Credits:

3.00

Description:

The focus of this course is the experience of creative collaboration. Student illustrators have a valuable and unique opportunity to engage with other students on one or two intensive collaborative projects. They must work with existing, published content (manuscript, script, product, etc.) that is not their own. Several illustration students may choose to work as a team, each responsible for a piece of a multipart project. Projects may also involve collaboration with students from other art and design disciplines or Illustration students may choose to work with other College of Arts and Science majors. In Professional Practices the preceding semester, students plan and research projects with real applications. In the first week, each creative team submits a finalized proposal and timeline for program approval. The instructor functions as a facilitator. Weekly progress is documented, discussed, and evaluated. Each creative team submits a final written report, accompanied by photos or video. Final artwork must be ready for formal presentation and artwork must be camera-ready, formatted for pre-production. Each student group identifies and invites an appropriate outside professional to evaluate their project. In addition to the final product, students are evaluated individually on the basis of demonstrated cooperation, organization, effort, diligence and effective communication. An approved internship may be taken in place of this course, as long as the student is interacting with other creative professionals engaged in significant creative activity throughout the semester.

Term:

Offered Spring Term

Spring Semester (14 credits)

ADIL S402 Collaboration
OR
ADIL 400 Internship
ADIL S410 Portfolio
Literature OR Ethical & Philosophical Inquiry
Social Science

BFA Program Total* 124 credits

Studio Electives

Studio electives must have the approval of the illustration program director and may not be limited to the below list. See your advisor for more information.

- **ADIL-S270 3D Modeling**

Credits:

3.00

Description:

This course explores digital 3D modeling used in 3D animation, game development, visual effects for film, motion and interactive graphics and 3D concept and production art (illustration). Students use the basic function and tools of 3ds Max for polygon modeling (character, prop and environment), texture mapping, soft body dynamics (creating hair, fluids and cloth), lighting, simple rigging and animation (panning and tracking), as well as rendering and compositing, with output to Photoshop graphics software and After Effects 2D animation software.

- **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

• 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 an electronic format. Students will learn how to produce quality type in electronic format as well as experiment with and explore type through electronic manipulation.

Term:

Offered Spring Term

• ADG-S206 Graphic Design I

Prerequisites:

ADF S151

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 include societal issues.

Term:

Offered Spring Term

• 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 and using specific software 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-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 of preparing artwork electronically for printing. Software applications include Adobe Creative Suite: InDesign, Illustrator, and Photoshop. Normally offered fall and spring semesters.

Term:

Offered Spring Term

• ADG-S365 Digital Photography

Credits:

3.00

Description:

Often mixed with other media, photography has evolved into a major tool for use by the contemporary artist and designer. 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:

Offered Both Fall and Spring

• ADG-S370 Artists' Books

Prerequisites:

Take ADG-S202 ADG-S207 ADF-S152; or Instructor's permission.

Credits:

3.00

Description:

Books are vessels of information. They can present your graphic design, photography or fine art, house a cherished collection, and even express non-linear thought. This class will cover traditional book design and construction techniques, as well as contemporary, non-traditional methods. You will learn to blend design, craftsmanship and content to create books that are themselves works of art. This is a hands-on studio course intended for graphic design and fine arts 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-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-S330 Experimental Drawing & Painting

Prerequisites:

Take ADF-S123; or Instructor's Permission.

Credits:

3.00

Description:

This course is designed to provide a workshop style environment for students to achieve an increasingly sophisticated level of mastery. Students are encouraged to develop their own area of interest in painting and drawing. In class models will be available to those who want to work figuratively. Individual and group critiques are integrated into the semesters work. The class will study the works of contemporary and historical painters. This is not a class for beginning students.

Term:

Offered Both Fall and Spring

- **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

2013-2014 Archived Catalog Information

Illustration

NESAD offers a Bachelor of Fine Arts (BFA) in Illustration. Our illustration program includes elements of graphic design and fine arts, while incorporating business, theory, and art history within the framework of a traditional liberal arts core.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Illustration BFA Requirements](#)
- [Illustration Minor Requirements for BFA Students](#)
- [Illustration Minor Requirements for BA/BS Students](#)
- [Illustration Course Descriptions](#)

Studio Art Minor in Illustration for BFA Students

Required Illustration Courses:

- **ADIL-S201 Illustration I: Visual Communication**

Prerequisites:

Take ADF-S102 ADF-S143 ADF-S151;

Credits:

3.00

Description:

This course introduces fundamental concepts and principles of visual communication, with emphasis on the development of visual literacy," which is the basis for understanding the issues involved in effective communication of ideas and storytelling. Topics include staging, atmosphere, sequential narrative and timing, iconography, visual metaphor and analogy, and the meaning inherent in all visual forms (composition, style, and technique). Informed by lecture, discussion, examples, and selected readings, students explore these concepts through a series of assignments, each presenting a different set of defined objectives and considerations related to audience and general function of the illustration (descriptive, expressive, narrative, iconographic, metaphoric, etc.). Through preliminary studies and sketches, students are encouraged to explore multiple solutions and strive for the most successful results, with thoughtful consideration of concept, drawing issues, composition, and technical concerns. Student work is evaluated on the basis of originality and effectiveness (process, appropriateness, readability, visual impact).

Term:

Offered Fall Term

• ADIL-S202 Illustration II: Process & Practice

Prerequisites:

ADIL-S201;

Credits:

3.00

Description:

This course expands on concepts and principles introduced in Illustration I, with special emphasis on idea generation and the process of picture making. Through sequenced illustration assignments, students explore customary illustration practices as they have evolved from the days of early book illustration and letterpress technology to contemporary demands for immediate changes to digital files. Because illustration typically involves creative collaboration (art direction), because it is an applied art, with explicit purpose and function, and because it has traditionally been produced to be reproduced, the illustration process typically involves a series of steps, including preliminary research, brainstorming, thumbnail sketches, concept and layout approval, compositional studies, collection or creation of visual reference, tight sketches, image approval, comprehensive roughs and final art, with final approval. There may be particular requirements for presentation and formatting, depending on whether the image is for print or digital reproduction. Illustrators have always used a wide variety of media and techniques; most of them devise unique methods that contribute to a unique personal style. In this course, each assignment addresses an instructor-defined set of parameters related to a particular illustration market, a target audience and an application. Students practice visual problem solving within these constraints, using their choice of media, approach and technique. 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. Evaluation is based on the results, on the efficiency and effectiveness of the preliminary process, and on the ability of students to maintain artistic integrity while, at the same time, satisfying assignment requirements.

Term:

Offered Spring Term

Choose 4:

• 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 function (how style conveys meaning), and the role and impact of stylistic trends in illustration. It incorporates a historical survey of visual style in both the fine and applied arts. Effective illustration employs style in support of expressive and conceptual purpose. Individual artistic style evolves naturally from a particular technical approach, a unique combination of

competencies and weaknesses, influenced by aesthetic preferences. Individual style both reflects and helps to define the contemporary culture in which it is produced. In this course, the topic of art direction is explored and discussed, as well as the rationale behind the choices of commercial art buyers and the general public. Each assignment involves a specific set of parameters related to subject and identify and take advantage of every opportunity for creative freedom that exists within every composition. Students are encourage to explore their preferred media and technical approach as they develop awareness of the element that contributes to their own unique style. Evaluation criteria include the impact of appropriate style and the relative effectiveness of each illustration.

Term:

Offered Fall Term

• **ADIL-S223 Traditional Techniques in Illustration**

Prerequisites:

Take ADF-S102, ADF-S151, and ADF-S143;

Credits:

3.00

Description:

This course provides students with an opportunity to explore a variety of wet and dry media, materials, tools and approaches traditionally used for illustration. Imagery that is reproduced and distributed in print form must dry quickly and reproduce well, and because historically, it has been necessary to transport, store and reproduce illustration, it is typically (but not always) relatively small in format. Media include ink, transparent watercolor, gouache, acrylic, oil, pastel, color pencil, on a variety of surfaces, handled expressively or with precision and often used in combination. In this course, assignments address a range of subject matter, rendered or painted from direct observation, still life, wildlife, urban and natural landscape, portrait, and clothed figure. Preliminary exercises provide opportunities for experimentation and technical practice. Assignments are evaluated on the basis of technical process and proficiency, composition (cropping), knowledge of issues related to readability and reproduction, and the mixing of pigment to match observed value and color, as an indication of understanding and skillful application of color theory

Term:

Offered Fall Term

• **ADIL-S255 Digital Techniques**

Prerequisites:

Take ADF-S143 and ADF-S156;

Credits:

3.00

Description:

This course builds on the introduction to digital media presented in the Foundation curriculum. Essential tools and techniques of Adobe Photoshop (photo retouching software) are explored and then compared to essential digital drawing and painting tools and techniques of Corel Painter (painting simulation software) and Autodesk Sketch Book Pro (drawing software). Students explore the basic tools and techniques of vector-based software through Adobe Illustrator (graphics software). Exploration and explanation of the interface, terminology, navigation and controls of Blender provides a very basic introduction to 3D computer modeling. Similarities and essential differences between applications are emphasized to help students appreciate the particular usefulness and limitations of these different applications. Basic scanning, printing, and presentation procedures are reviewed, with attention to efficient file management, basic formatting for print and web, as well as the use of Help menus and tutorials. Two assignments involve the incorporation of type (in Illustrator and Photoshop).

Term:

Offered Spring Term

• ADIL-S500 Illustration Directed Studio

Prerequisites:

Instructor's Approval

Credits:

3.00

Description:

The student completes a directed study project, either studio (ADIL S500) or non-studio (ADIL 500), under the supervision of an Illustration faculty member. All Directed Studio request forms must be accompanied by a written proposal and schedule and must be approved by the individual faculty member, the Illustration Program Director, and the NESADSU Chairman. 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-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

• **ADG-S201 Basic Typography**

Prerequisites:

ADF S151

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

Other courses available per advisor consent

2013-2014 Archived Catalog Information

Illustration

NESAD offers a Bachelor of Fine Arts (BFA) in Illustration. Our illustration program includes elements of graphic design and fine arts, while incorporating business, theory, and art history within the framework of a traditional liberal arts core.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Illustration BFA Requirements](#)
- [Illustration Minor Requirements for BFA Students](#)
- [Illustration Minor Requirements for BA/BS Students](#)
- [Illustration Course Descriptions](#)

Studio Art Minor: Illustration for BA/BS Students

(6 courses, 18 credits)

Required Courses:

- ADF-S101 Foundation Drawing I

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

- ADF-S102 Foundation Drawing II

Prerequisites:

ADF S101

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 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**

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.

- **ADIL-S201 Illustration I: Visual Communication**

Prerequisites:

Take ADF-S102 ADF-S143 ADF-S151;

Credits:

3.00

Description:

This course introduces fundamental concepts and principles of visual communication, with emphasis on the development of visual literacy," which is the basis for understanding the issues involved in effective communication of ideas and storytelling. Topics include staging, atmosphere, sequential narrative and timing, iconography, visual metaphor and analogy, and the meaning inherent in all visual forms (composition, style, and technique). Informed by lecture, discussion, examples, and selected readings, students explore these concepts through a series of assignments, each presenting a different set of defined objectives and considerations related to audience and general function of the illustration (descriptive, expressive, narrative, iconographic, metaphoric, etc.). Through preliminary studies and sketches, students are encouraged to explore multiple solutions and strive for the most successful results, with thoughtful consideration of concept, drawing issues, composition, and technical concerns. Student work is evaluated on the basis of originality and effectiveness (process, appropriateness, readability, visual impact).

Term:

Offered Fall Term

- **ADIL-S202 Illustration II: Process & Practice**

Prerequisites:

ADIL-S201;

Credits:

3.00

Description:

This course expands on concepts and principles introduced in Illustration I, with special emphasis on idea generation and the process of picture making. Through sequenced illustration assignments, students explore customary illustration practices as they have evolved from the days of early book illustration and letterpress technology to contemporary demands for immediate changes to digital files. Because illustration typically involves creative collaboration (art direction), because it is an applied art, with explicit purpose and function, and because it has traditionally been produced to be reproduced, the illustration process typically involves a series of steps, including preliminary research, brainstorming, thumbnail sketches, concept and layout approval, compositional studies, collection or creation of visual reference, tight sketches, image approval, comprehensive roughs and final art, with final approval. There may be particular requirements for presentation and formatting, depending on whether the image is for print or digital reproduction. Illustrators have always used a wide variety of media and techniques; most of them devise unique methods that contribute to a unique personal style. In this course, each assignment addresses an instructor-defined set of parameters related to a particular illustration market, a target audience and an application. Students practice visual problem solving within these constraints, using their choice of media, approach and technique. 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. Evaluation is based on the results, on the efficiency and effectiveness of the preliminary process, and on the ability of students to maintain artistic integrity while, at the same time, satisfying assignment requirements.

Term:

Offered Spring Term

Choose one:

- **ADIL-S223 Traditional Techniques in Illustration**

Prerequisites:

Take ADF-S102, ADF-S151, and ADF-S143;

Credits:

3.00

Description:

This course provides students with an opportunity to explore a variety of wet and dry media, materials, tools and approaches traditionally used for illustration. Imagery that is reproduced and distributed in print form must dry quickly and reproduce well, and because historically, it has been necessary to transport, store and reproduce illustration, it is typically (but not always) relatively small in format. Media include ink, transparent watercolor, gouache, acrylic, oil, pastel, color pencil, on a variety of surfaces, handled expressively or with precision and often used in combination. In this course, assignments address a range of subject matter, rendered or painted from direct observation, still life, wildlife, urban and natural landscape, portrait, and clothed figure. Preliminary exercises provide opportunities for experimentation and technical practice. Assignments are evaluated on the basis of technical process and proficiency, composition (cropping), knowledge of issues related to readability and reproduction, and the mixing of pigment to match observed value and color, as an indication of understanding and skillful application of color theory

Term:

Offered Fall Term

• ADIL-S255 Digital Techniques

Prerequisites:

Take ADF-S143 and ADF-S156;

Credits:

3.00

Description:

This course builds on the introduction to digital media presented in the Foundation curriculum. Essential tools and techniques of Adobe Photoshop (photo retouching software) are explored and then compared to essential digital drawing and painting tools and techniques of Corel Painter (painting simulation software) and Autodesk Sketch Book Pro (drawing software). Students explore the basic tools and techniques of vector-based software through Adobe Illustrator (graphics software). Exploration and explanation of the interface, terminology, navigation and controls of Blender provides a very basic introduction to 3D computer modeling. Similarities and essential differences between applications are emphasized to help students appreciate the particular usefulness and limitations of these different applications. Basic scanning, printing, and presentation procedures are reviewed, with attention to efficient file management, basic formatting for print and web, as well as the use of Help menus and tutorials. Two assignments involve the incorporation of type (in Illustrator and Photoshop).

Term:

Offered Spring Term

• 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

• **ADIL-S500 Illustration Directed Studio**

Prerequisites:

Instructor's Approval

Credits:

3.00

Description:

The student completes a directed study project, either studio (ADIL S500) or non-studio (ADIL 500), under the supervision of an Illustration faculty member. All Directed Studio request forms must be accompanied by a written proposal and schedule and must be approved by the individual faculty member, the Illustration Program Director, and the NESADSU Chairman. Available every semester.

2013-2014 Archived Catalog Information

Illustration

NESAD offers a Bachelor of Fine Arts (BFA) in Illustration. Our illustration program includes elements of graphic design and fine arts, while incorporating business, theory, and art history within the framework of a traditional liberal arts core.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Illustration BFA Requirements](#)
- [Illustration Minor Requirements for BFA Students](#)
- [Illustration Minor Requirements for BA/BS Students](#)
- [Illustration Course Descriptions](#)

- **ADIL-224 History of Illustration**

Credits:

4.00

Description:

This course focuses on the study of how images have been used to illustrate ideas, tell stories, convey information, and assist in human communication throughout history. Students will become familiar with the historical antecedents of modern illustration, followed by an in-depth study of the individual movements and overall sweep of illustration from the late 19th century through the present. Particular attention will be paid to the impact printing and other reproduction and distribution technologies have had on the evolution of modern Illustration. Studies will include lectures and selected readings. Students will be asked to write and present research projects as well as critical essays. Normally offered spring semester.

- **ADIL-338 Illustration Professional Practice**

Prerequisites:

ADIL-S301

Credits:

3.00

Description:

This course introduces students to contemporary professional practices within a broad range of specializations and related fields. Students identify their personal interests, particular capabilities and strengths, career priorities

and goals, and other preferences that will influence their decisions and future lives as creative professionals. Self-employment issues are explored in depth, since most illustrators work as freelancers, contractors, or entrepreneurs, but small business practices are also covered. Marketing and self-promotion are particularly relevant subjects. Students identify and investigate potential clients and employers, professional competitions, and professional organizations that provide opportunities for networking. Based on his or her personal and professional goals, each student produces a professional resume, designs an effective logo, designs direct marketing/email promotions and prepares their artwork for offset printing. Important topics like reproduction rights, pricing and negotiation are discussed in depth, in addition to legal contracts and bookkeeping. Contemporary issues within the illustration profession are discussed, as are practical issues like income tax expenses and exemptions, sales tax, unemployment and disability insurance, retirement plans, etc. Students will contact legal professionals and practice their interviewing and presentation skills. In addition, students plan, research, and write proposals for two courses (collaboration and Studio Project) in the following final semester.

- **ADIL-400 Illustration Internship**

Prerequisites:

Take ADIL-338;

Credits:

3.00

Description:

Students will complete an Internship with an artist or firm whose work is directly related to that student's 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.

- **ADIL-S201 Illustration I: Visual Communication**

Prerequisites:

Take ADF-S102 ADF-S143 ADF-S151;

Credits:

3.00

Description:

This course introduces fundamental concepts and principles of visual communication, with emphasis on the development of visual literacy," which is the basis for understanding the issues involved in effective communication of ideas and storytelling. Topics include staging, atmosphere, sequential narrative and timing, iconography, visual metaphor and analogy, and the meaning inherent in all visual forms (composition, style, and technique). Informed by lecture, discussion, examples, and selected readings, students explore these concepts through a series of assignments, each presenting a different set of defined objectives and considerations related to audience and general function of the illustration (descriptive, expressive, narrative, iconographic, metaphoric, etc.). Through preliminary studies and sketches, students are encouraged to explore multiple solutions and strive for the most successful results, with thoughtful consideration of concept, drawing issues, composition, and technical concerns. Student work is evaluated on the basis of originality and effectiveness (process, appropriateness, readability, visual impact).

Term:

Offered Fall Term

- **ADIL-S202 Illustration II: Process & Practice**

Prerequisites:

ADIL-S201;

Credits:

3.00

Description:

This course expands on concepts and principles introduced in Illustration I, with special emphasis on idea generation and the process of picture making. Through sequenced illustration assignments, students explore customary illustration practices as they have evolved from the days of early book illustration and letterpress technology to contemporary demands for immediate changes to digital files. Because illustration typically involves creative collaboration (art direction), because it is an applied art, with explicit purpose and function, and because it has traditionally been produced to be reproduced, the illustration process typically involves a series of steps, including preliminary research, brainstorming, thumbnail sketches, concept and layout approval, compositional studies, collection or creation of visual reference, tight sketches, image approval, comprehensive roughs and final art, with final approval. There may be particular requirements for presentation and formatting, depending on whether the image is for print or digital reproduction. Illustrators have always used a wide variety of media and techniques; most of them devise unique methods that contribute to a unique personal style. In this course, each assignment addresses an instructor-defined set of parameters related to a particular illustration market, a target audience and an application. Students practice visual problem solving within these constraints, using their choice of media, approach and technique. 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. Evaluation is based on the results, on the efficiency and effectiveness of the preliminary process, and on the ability of students to maintain artistic integrity while, at the same time, satisfying assignment requirements.

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 in Illustration

Prerequisites:

Take ADF-S102, ADF-S151, and ADF-S143;

Credits:

3.00

Description:

This course provides students with an opportunity to explore a variety of wet and dry media, materials, tools and approaches traditionally used for illustration. Imagery that is reproduced and distributed in print form must dry quickly and reproduce well, and because historically, it has been necessary to transport, store and reproduce illustration, it is typically (but not always) relatively small in format. Media include ink, transparent watercolor, gouache, acrylic, oil, pastel, color pencil, on a variety of surfaces, handled expressively or with precision and often used in combination. In this course, assignments address a range of subject matter, rendered or painted from direct observation, still life, wildlife, urban and natural landscape, portrait, and clothed figure. Preliminary exercises provide opportunities for experimentation and technical practice. Assignments are evaluated on the basis of technical process and proficiency, composition (cropping), knowledge of issues related to readability and reproduction, and the mixing of pigment to match observed value and color, as an indication of understanding and skillful application of color theory

Term:

Offered Fall Term

• ADIL-S255 Digital Techniques

Prerequisites:

Take ADF-S143 and ADF-S156;

Credits:

3.00

Description:

This course builds on the introduction to digital media presented in the Foundation curriculum. Essential tools and techniques of Adobe Photoshop (photo retouching software) are explored and then compared to essential digital drawing and painting tools and techniques of Corel Painter (painting simulation software) and Autodesk Sketch Book Pro (drawing software). Students explore the basic tools and techniques of vector-based software through Adobe Illustrator (graphics software). Exploration and explanation of the interface, terminology, navigation and controls of Blender provides a very basic introduction to 3D computer modeling. Similarities and essential differences between applications are emphasized to help students appreciate the particular usefulness and limitations of these different applications. Basic scanning, printing, and presentation procedures are reviewed, with attention to efficient file management, basic formatting for print and web, as well as the use of Help menus and tutorials. Two assignments involve the incorporation of type (in Illustrator and Photoshop).

Term:

Offered Spring Term

- **ADIL-S270 3D Modeling**

Credits:

3.00

Description:

This course explores digital 3D modeling used in 3D animation, game development, visual effects for film, motion and interactive graphics and 3D concept and production art (illustration). Students use the basic function and tools of 3ds Max for polygon modeling (character, prop and environment), texture mapping, soft body dynamics (creating hair, fluids and cloth), lighting, simple rigging and animation (panning and tracking), as well as rendering and compositing, with output to Photoshop graphics software and After Effects 2D animation software.

- **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 function (how style conveys meaning), and the role and impact of stylistic trends in illustration. It incorporates a historical survey of visual style in both the fine and applied arts. Effective illustration employs style in support of expressive and conceptual purpose. Individual artistic style evolves naturally from a particular technical approach, a unique combination of competencies and weaknesses, influenced by aesthetic preferences. Individual style both reflects and helps to define the contemporary culture in which it is produced. In this course, the topic of art direction is explored and discussed, as well as the rationale behind the choices of commercial art buyers and the general public. Each assignment involves a specific set of parameters related to subject and identify and take advantage of every opportunity for creative freedom that exists within every composition. Students are encourage to explore their preferred media and technical approach as they develop awareness of the element that contributes to their own unique style. Evaluation criteria include the impact of appropriate style and the relative effectiveness of each illustration.

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 develop a synthesis of concept, process, technique and style. Students are encouraged to challenge themselves and extend their skills in search of fresh, innovative and personal ways to express visual ideas, without dismissing the need to address assignment parameters related to practical application. A variety of illustration assignments allow students to focus on an efficient and dependable ideation process, refinement of personal style and technical competence in the use of a preferred media. Progressing from instructor-defined objectives to student-defined objectives, students are challenged to pursue personal solutions within pre-determined parameters. The key to impressive illustration concepts and execution usually depends on adequate preliminary research and efficient (time-conscious) preliminary process. Assignments vary in terms of the quantity and type of research and visual reference required. Preliminary stages will be discussed and critiqued by both instructors and peers. As students explore viable solutions for each assignment, they have the opportunity to practice professionalism in reaction to the instructor's art direction. In the final weeks of the semester, students are asked to develop a draft proposal for an Illustration Studio Project the following semester. This draft must be approved by the instructor and a final proposal must be approved by the Illustration Studio Project instructor in the fall. Evaluation of student work and participation will emphasize creativity, technical competency and professional approach.

Term:

Offered Spring Term

• ADIL-S305 Figure in Context

Prerequisites:

Take ADF-S101 ADF-S143 and ADF-S151;

Credits:

3.00

Description:

This studio elective (for sophomores, juniors or seniors) provides an intensive exploration of the relationship between human figure and environment, as both 2-dimensional composition and as 3-dimensional illusion of volume and spatial depth. The course involves both drawing and painting concerns, and it provides students with practice drawing the clothed and costumed figure from direct observation, and incorporation of these subjects into invented but cohesive and convincing narrative scenes. To assist with this, principles of linear and atmospheric perspective and light logic are reviewed. Students work with various forms of visual reference for both the figure and the environment, and they attempt to successfully integrate this visual information from multiple reference sources. In addition to direct observation and collected print reference (scrap), they work with digital photography and Photoshop. Students thoughtfully arrange models, costume, props and lighting, with emphasis on effective staging (viewpoint and lighting) in support of narrative and emotional context. Students use a medium of their choice for drawing, painting or 3D diorama.

• ADIL-S306 Visual Commentary

Prerequisites:

Take ADF-S102 and ADF-S151;

Credits:

3.00

Description:

This studio elective course (for sophomores, juniors or seniors) allows for sustained observational drawing of the clothed figure, sometimes in action or moments of transition, within exterior or interior environments. Emphasis is on implied narrative motivation, behavior, relationship and interaction suggested through facial expression, body language, and staging within to the environment, which often reveals clues of human presence. This drawing practice may extend to animal subject matter. Visual commentary attempts to interpret significant incidents and situations social context, from the artist's subjective point of view. This practice is the hand-drawn counterpart to photojournalism, which documents the community and the world at meaningful - sometimes dramatic or intimate - moments. This requires special attention to body language and facial expression, the exaggeration of which is the foundation of effective cartooning. The character and style of drawing (hesitant, confident, expressive, precise, distorted, etc.) contributes to the meaning and impact of the image. Students are asked to develop a proposal and a plan for a thematic body of work and, throughout the semester, they work independently, meeting in class for group critique and discussion. They are asked to experiment with media and expressive drawing technique. Final evaluation includes a portfolio of drawings assessed on the basis of observational acuity, reflective insight, originality and integrity, expressive interpretation and drawing skill. Offered in the Spring semester.

• ADIL-S307 Visual Development

Prerequisites:

Take ADIL-S201 and ADIL-S255;

Credits:

3.00

Description:

This elective course introduces the basic components of the pre-production process for animation, computer games, film and television the concept, design and development of characters, props and backgrounds (components that are normally produced by different artists). Using a given story sequence, students develop plot analysis, a storyboard, a production illustration (concept art), a character design model sheet or a 3D maquette, a prop design model sheet, a scenic background layout, and a background matte painting. As in the professional world, collaboration is encouraged, particularly in terms of feedback from all class participants at each stage. Both aesthetic and technical issues are addressed, with emphasis on effective process, including research and generation of original and relevant ideas. Professional practices and presentation are stressed. Students review theories and techniques of visual storytelling, with attention to narrative sequence, point of view, action, metamorphosis, transition and editing. Production art involves consideration of theatrical/cinematic staging (the design of viewpoint, lighting and color for dramatic effect). Effective character design relies on consideration of anatomical structure and effective environment layout and matte painting relies on consideration of linear and atmospheric perspective. Students may work with a variety of media and applications for drawing and painting, both traditional and digital (Photoshop, Painter, SketchUp, Maya, ZBrush), although the course does not incorporate technical instruction (traditional techniques or digital applications). Offered in the Fall semester.

- **ADIL-S308 3D & Experimental Techniques**

Prerequisites:

Take ADF-S102 ADF-S123 and ADF-S156;

Credits:

3.00

Description:

This junior/senior elective provides an opportunity for students to explore a wide range of materials and processes including printmaking, collage, transfers, fibers, monotype, collotype, sculptural relief, 3-dimensional sculpture and casting. Students each choose a theme or a concept for a series of illustrations. The 3-dimensional work will be lit and photographed to produce a final 2-dimensional image. A primary criteria of success will be reproducibility and readability. Offered in the Spring semester.

- **ADIL-S309 Advanced Digital Techniques**

Prerequisites:

Take ADIL-S202 and ADIL-S255;

Credits:

3.00

Description:

This advanced elective course builds on the skills and techniques addressed in Digital Techniques. It presents advanced tools of digital painting software and introductory digital animation. Color setting, color management, channels and automate features are covered, Offered in the Fall Semester.

- **ADIL-S310 Advanced Representational Painting**

Prerequisites:

Take ADF-S123;

Credits:

3.00

Description:

This course will focus on direct observational painting and issues involving realism; making painting effectively mirror the light, space, color and forms of the visible world. Geared towards the needs of Illustration majors, approaches may range from hyper-realistic to more painterly interpretations of subject matter. Painting methods will be included and Traditional Techniques will be explored in greater depth. Discussions will reference realist painters from the Renaissance to the present. Current museum and gallery show visits relevant to the course will be recommended. Color harmony and contrast, chromatic space, atmospheric perspective composition, view

point, lighting, and palette organization are among some of the areas of focus. Within the framework of realism, students are encouraged to develop a nuanced approach that best suits their painting goals.

• ADIL-S401 Studio Project

Prerequisites:

Take ADIL-S302 and ADIL-S338;

Credits:

3.00

Description:

The focus of this course is the experience of creative collaboration. Student illustrators have a valuable and unique opportunity to engage with other students on one or two intensive collaborative projects. They must work with existing, published content (manuscript, script, product, etc.) that is not their own. Several illustration students may choose to work as a team, each responsible for a piece of a multipart project. Projects may also involve collaboration with students from other art and design disciplines or Illustration students may choose to work with other College of Arts and Science majors. In Professional Practices the preceding semester, students plan and research projects with real applications. In the first week, each creative team submits a finalized proposal and timeline for program approval. The instructor functions as a facilitator. Weekly progress is documented, discussed, and evaluated. Each creative team submits a final written report, accompanied by photos or video. Final artwork must be ready for formal presentation and artwork must be camera-ready, formatted for pre-production. Each student group identifies and invites an appropriate outside professional to evaluate their project. In addition to the final product, students are evaluated individually on the basis of demonstrated cooperation, organization, effort, diligence and effective communication. An approved internship may be taken in place of this course, as long as the student is interacting with other creative professionals engaged in significant creative activity throughout the semester.

Term:

Offered Spring Term

• ADIL-S402 Collaboration

Prerequisites:

ADIL-S401;

Credits:

3.00

Description:

Each student prepares a written Studio Project outline for tentative approval the preceding semester by Illustration IV instructors. Finalized proposals are approved by the Illustration Studio project instructor in the third week of class. These proposals must include a clear set of conceptual and formal objectives, which may involve personal, social, cultural, scientific or commercial concern. They must also include a feasible timeline and a practical strategy for bringing the project to conclusion within a single semester. The course is intended to give students the opportunity to synthesize knowledge and apply the skills they've acquired. They are encouraged to engage in

original, interdisciplinary research and experimental process in search of solutions for this self-defined challenge. This work may be the spark for ideas developed and implemented through Illustration Portfolio or Illustration Collaborative Studio. The experience and insights that are realized through the semester of rigorous intellectual and creative work are more valuable than the products that result. Assessment is weighted accordingly. Students carefully document all ideas, activities, and tangible results in journal format. These journals will be part of a public exhibition and eventually archived.

Term:

Offered Fall Term

• ADIL-S410 Portfolio

Prerequisites:

ADIL-S401;

Credits:

3.00

Description:

This course creates the opportunity for concentrated exploration and experimentation within a student's preferred area of illustration (or related art field), within a preferred illustration genre or market, involving the preferred subject matter, using the preferred media and format, for a preferred audience. Projects may involve self-generated content (creative writing, story treatment, clothing design, product design, etc.) or they may involve existing content. In the preceding semester, in Illustration Professional Practices, students develop a concise written project outline. This requires the approval of both instructors (Illustration Professional Practices and Illustration Portfolio). Students work independently to create a focused body of artwork, which will hopefully form the basis of a student's professional portfolio. Work is evaluated in weekly group and individual critique sessions. All students create a professional online portfolio for presentation of the final artwork and, at the conclusion of the semester, students choose either to produce a professional portfolio of printed samples or to participate in an exhibition of original artwork. Assessment of the artwork is based on conceptual and technical quality, originality, integrity, consistency, etc., and final grades reflect the quality of work, the online portfolio, the print portfolio or exhibition, as well as participation, process, productivity and professional demeanor. Offered in the Spring semester.

• ADIL-S500 Illustration Directed Studio

Prerequisites:

Instructor's Approval

Credits:

3.00

Description:

The student completes a directed study project, either studio (ADIL S500) or non-studio (ADIL 500), under the supervision of an Illustration faculty member. All Directed Studio request forms must be accompanied by a written

proposal and schedule and must be approved by the individual faculty member, the Illustration Program Director, and the NESADSU Chairman. Available every semester.

2013-2014

2013-2014

2013-1

2013-2014 Archived Catalog Information

Interior Design

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Interior Design BFA Requirements](#)
- [Interior Design Course Descriptions](#)

The BFA in Interior Design requires 28 courses (88 credits) in the major field.

First Year

Fall Semester (17 credits)

- ADF-S101 Foundation Drawing I

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

- ADF-S166 2D/Color

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.

- **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

- **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

Seminar for Freshmen

Spring Semester (16 Credits)

- **ADF-S172 Integrated Studio 2**

Prerequisites:

ADF S101

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.

• **ADF-S152 3-Dimensional Design**

Prerequisites:

ADF S151, ADF S551, ADF S166, or ADF S566

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

• **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-S110 Digital Orthographics**

Prerequisites:

Take ADI-S108 OR ADI-S205;

Credits:

3.00

Description:

This course will enable the student to produce, manipulate and print 2-dimensional drawings using digital software including Computer Aided Drafting (CAD). Students will acquire the skills necessary for producing measured architectural plans, elevations and sections as well as isometric and axonometric drawing types. Fundamentals of illustrating drawings in color, light and shadow through digital programs will be introduced.

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

Second Year

Fall Semester (16 credits)

- **ADF-S102 Foundation Drawing II**

Prerequisites:

ADF S101

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 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

• 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-234 Introduction to Interior Design Theory & Criticism

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-S264 Advanced Interior Design Communication**

Prerequisites:

ADI S106 and ADI S110

Credits:

3.00

Description:

This course is designed to advance and reinforce presentation techniques and graphic technical skills introduced in Interior Design Communications. Students will continue to develop their proficiency in free hand sketching, rendering and perspective, and will learn various three-dimensional rendering software and other digital imaging techniques.

Term:

Offered Both Fall and Spring

- **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

Type:

Humanities & History, Humanities Literature Requirement

Or

- **ARH-101 Art History I**

Credits:

4.00

Description:

A survey of the art of western civilization from prehistoric caves to the cathedrals of the Middle Ages. Works of painting, sculpture, and architecture are presented in their historical context. Course covers Egyptian, Ancient Near Eastern, Greek, Roman, early Islamic, Byzantine, Romanesque, and Gothic.

Term:

Offered Both Fall and Spring

Type:

Humanities & History, Humanities Literature Requirement

Spring Semester (16 Credits)

ADI-S244 Interior Materials and Finishes (3)

- **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-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-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

• **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

Type:

Or

- **ARH-102 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:

Humanities & History, Humanities Literature Requirement

Third Year

Fall Semester (17 credits)

Natural Science

- **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

Type:

Humanities & History, Humanities Literature Requirement

- **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-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-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

Spring Semester (14 credits)

- **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

Type:

Humanities & History, Humanities Literature Requirement

- **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

Natural science (with lab)

Fourth Year

Fall Semester (14 credits)

Literature

Math or Quantitative Reasoning

- **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-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

Spring Semester (14 credits)

Social Science

Ethical or Philosophical Inquiry

• 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

Type:

Expanded Classroom Requirement

• ADI-306 Portfolio

Prerequisites:

Senior Status

Credits:

3.00

Description:

This course teaches students how to develop a professional portfolio. Students will investigate overall development of portfolio content, substance, and design through a variety of hands-on exercises including digital and mock-up layout techniques; methods of documenting and archiving work; presentation formats; design influence investigation, and more.

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

BFA PROGRAM TOTAL * 124 credits

*Portfolio may be taken in lieu of internship ONLY if the ECR requirement AND an internship waiver are fulfilled.

2013-2014 Archived Catalog Information

Interior Design

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Interior Design BFA Requirements](#)
- [Interior Design Course Descriptions](#)

- 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

Type:

Humanities & History, Humanities Literature Requirement

- **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

Type:

Humanities & History, Humanities Literature Requirement

- **ADI-234 Introduction to Interior Design Theory & Criticism**

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 teaches students how to develop a professional portfolio. Students will investigate overall development of portfolio content, substance, and design through a variety of hands-on exercises including digital and mock-up layout techniques; methods of documenting and archiving work; presentation formats; design influence investigation, and more.

Term:

Offered Both Fall and Spring

• **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-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

Type:

Expanded Classroom Requirement

• **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.

• 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-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

Prerequisites:

Take ADI-S108 OR ADI-S205;

Credits:

3.00

Description:

This course will enable the student to produce, manipulate and print 2-dimensional drawings using digital software including Computer Aided Drafting (CAD). Students will acquire the skills necessary for producing measured architectural plans, elevations and sections as well as isometric and axonometric drawing types. Fundamentals of illustrating drawings in color, light and shadow through digital programs will be introduced.

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-S264 Advanced Interior Design Communication**

Prerequisites:

ADI S106 and ADI S110

Credits:

3.00

Description:

This course is designed to advance and reinforce presentation techniques and graphic technical skills introduced in Interior Design Communications. Students will continue to develop their proficiency in free hand sketching, rendering and perspective, and will learn various three-dimensional rendering software and other digital imaging techniques.

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

2013-2014 Archived Catalog Information

International Economics

The Department of Economics and the Department of World Languages and Cultural Studies jointly offer a career-oriented program that combines the study of international economics with knowledge of a world language and the politics, history, and cultures of other countries. International economics is offered in both the BA and BS.

- [International Economics Major Requirements](#)

Major Requirements

The BS in International Economics (9 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. The requirements for the BS in International Economics are as follows:

General Major Requirements (8 courses, 32 credits)

- **EC-101 Applied Microeconomics**

Credits:

4.00

Description:

Introduction to the organization and operation of a market economy with a focus on how it allocates scarce resources; development of the economic way of thinking. The analysis of the theory of consumer demand and the profit-maximizing behavior of firms; examination of pricing and output decisions of firms under conditions of competition and imperfect competition in a global marketplace. Analysis of markets for labor and capital. Policy issues include price ceilings and floors, trade barriers, competition and monopoly. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-102 Global Macroeconomics**

Credits:

4.00

Description:

This course provides an analysis of relationships among variables such as inflation, employment, economic growth, national income, and the supply of money. Heavy emphasis is placed on the role of government in setting both fiscal and monetary policy goals to achieve a stable economy. Balance of trade and exchange rates are examined to help provide an understanding of the global economy. Required of all majors and minors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

• STATS-250 Applied Statistics

Prerequisites:

MATH 130, MATH 134, MATH 146 OR MATH 165

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 Reasoning

• 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.

Type:

- **EC-430 Int'l 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.

Type:

Social Science,Asian Studies,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

EC-141 Development Economics

OR

EC-151 Economic Geography

AND

EC-312 Intermediate Macroeconomic Theory

OR

EC-311 Intermediate Microeconomic Theory

Electives (1 course, 4 credits)

One EC elective

The BA in International Economics (11 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 or German. Those who enter the program with considerable foreign language experience will be required to take alternative courses as determined by advisor. The requirements for the BA in International Economics are as follows:

General Major Requirements (6 courses, 24 credits)

- **EC-101 Applied Microeconomics**

Credits:

4.00

Description:

Introduction to the organization and operation of a market economy with a focus on how it allocates scarce resources; development of the economic way of thinking. The analysis of the theory of consumer demand and the profit-maximizing behavior of firms; examination of pricing and output decisions of firms under conditions of competition and imperfect competition in a global marketplace. Analysis of markets for labor and capital. Policy issues include price ceilings and floors, trade barriers, competition and monopoly. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-102 Global Macroeconomics**

Credits:

4.00

Description:

This course provides an analysis of relationships among variables such as inflation, employment, economic growth, national income, and the supply of money. Heavy emphasis is placed on the role of government in setting both fiscal and monetary policy goals to achieve a stable economy. Balance of trade and exchange rates are examined to help provide an understanding of the global economy. Required of all majors and minors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-430 Int'l 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.

Type:

Social Science,Asian Studies,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 130, MATH 134, MATH 146 OR MATH 165

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 Reasoning

EC-141 Development Economics

OR

EC-151 Economic Geography

World Language Requirement (5 courses, 20 credits)

5 Courses

2013-2014 Archived Catalog Information

Latin American & Caribbean Studies

The Latin American and Caribbean studies program seeks to develop a deeper understanding of the peoples and cultures of our Latin American and Caribbean neighbors. Through a multidisciplinary program in the humanities and social sciences, students will be prepared to pursue their post-graduate interests in international organizations, education, business, government, communication and journalism. Demonstrated proficiency in Spanish beyond the Intermediate level is required. Normally this can be fulfilled by successful completion of one 300-level course. For native speakers and in the case where the student's area of interest is better served by knowledge of another language (e.g., Portuguese or French), proficiency will be determined by an examination administered by the Department of World Languages and Cultural Studies.

Students may major or minor in Latin American and Caribbean Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major/Minor Requirements](#)
- [Honors](#)
- [Study Abroad](#)
- [Contact Us](#)

Major in Latin American and Caribbean Studies

The major in Latin American and Caribbean Studies requires 10 courses (40 credits) of interdisciplinary work built around five core courses (20 credits) and five related courses (20 credits).

Required Core Component (5 courses, 20 credits)

- **GVT-281 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:

Social Science,BSJ SOCIAL SCIENCE

- **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

Type:

Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement

- **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

Type:

Cultural Diversity Opt A

- **SOC-228 Culture Diversity & Human Need**

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

Type:

Cultural Diversity Opt A

and

- **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:

Cultural Diversity Opt B, Social Science, Asian Studies, BSJ SOCIAL SCIENCE

or

- **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:

Cultural Diversity Opt B,Social Science,BSJ SOCIAL SCIENCE

Elective Courses (5 courses, 20 credits)

At least two of the five related courses must constitute a concentration in a single discipline or an interdisciplinary field. Course selections will be made in consultation with the Latin American and Caribbean Studies advisor.

Communication and Journalism

- **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 developed and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Social Science

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

Credits:

4.00

Description:

Explores the development of global media and telecommunication corporations and technologies and the influence these transnational organizations and technologies bear on regional and nation-state communication policy, global and local culture, and the world economy. Cultural Diversity B ECR

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B,Expanded Classroom Requirement,BSBA SOCIAL CHANGE

- **CJN-491 Special Topics in Communications**

Credits:

4.00

Description:

Current issues in the field of communication. Normally offered every semester.

Term:

Offered Both Fall and Spring

Economics

- **EC-430 Int'l 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.

Type:

Social Science,Asian Studies,BSJ SOCIAL SCIENCE

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

Government

- **GVT-313 The Atlantic Triangle: European Union, United States and Latin America**

Credits:

4.00

Description:

This course examines the main political, economic and social trends in the European Union, Latin America and the United States as well as the multiples interactions among them since the end of the Cold War. The readings are structured in two main sections. After briefly reviewing the historical development of these three partners on both sides of the Atlantic in the past five decades, the first section identifies the key processes that are defining the main characteristics of Europe (deepening vs. widening), United States (isolationism vs. internationalism) and Latin America (democracy vs. social equality). The second part of the course explains the tendencies and contradictions in the construction of the external relations of the European Union towards the United States and Latin America, from the cooperation and competition in development of a safe and free Europe in the 1990s to the acrimonious debate about the 2003 Iraq invasion and the prospects of the 2006 EU-Latin America Vienna Summit, among other important events.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-387 Reconciliation and Conflict in Central America**

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:

Cultural Diversity Opt B,Social Science

• 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.

Type:

Cultural Diversity Opt B, Social Science

• GVT-466 Globalization, Regionalization and Sovereignty

Prerequisites:

GVT 261

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.

Type:

Social Science

• GVT-469 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **GVT-507 Gvt Study Trip: Civil Rights Tour**

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

Type:

Social Science,Expanded Classroom Requirement

• **GVT-524 Washington Internship**

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

8.00

Description:

A full-time summer internship in Washington D.C. Consult the Department for more details. ECR

Type:

Social Science,Expanded Classroom Requirement

• **GVT-525 Washington Internship Seminar**

Prerequisites:

Concurrent enrollment in GVT 523 or GVT 524

Credits:

4.00

Description:

ECR

Type:

Social Science, Expanded Classroom Requirement

• **GVT-526 International Internship-London**

Prerequisites:

Juniors standing; GVT 528 & GVT 529 Concurrent

Credits:

8.00

Description:

A full-time, one-semester International Internship in London.

Type:

Social Science, Expanded Classroom Requirement

• **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

Type:

Social Science, Expanded Classroom Requirement

- **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

Type:

Social Science,Expanded Classroom Requirement

History

- **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

Type:

Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement

- **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

Type:

Humanities & History, Humanities Literature Requirement

- **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

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **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:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **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

Type:

Humanities & History, Humanities Literature Requirement

- **HST-396 The African Diaspora**

Credits:

4.00

Description:

An examination of the dispersion of Africans to the Americas during the era of the slave trade and the establishment of New World communities of Africans and people of mixed descent. Topics include: the Slave Trade, comparative Slave Systems, Religion, Resistance and Revolutionary Movements, Return and Redemption Movements, Pan Africanism, Race and Class. Cultural Diversity A Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Cultural Diversity Opt A

- **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

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

Humanities/Hispanic Studies/Caribbean Studies

- **FR-205 The Francophone World**

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

This course explores the francophone world through the media of literature and film. Selected works of francophone literature will be linked to writing exercises and conversation activities.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, BA FOREIGN

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

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Authors from Latin America and the Caribbean will be examined in their historical and cultural contexts. Readings and class discussions will 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 Ines de la Cruz, Jose Marti, Jorge Luis Borges, and Giaconda Belli will be among some of the writers studied.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

The relationship between social history, cultural identity and artistic expression will be explored through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, truth, mass culture and gender will be among the issues addressed. Readings will include novel, short story, poetry and drama. Films and documentaries will also be considered to further illustrate the connections between society and text.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Through fiction, non-fiction, drama, poetry and film, this course will explore the changing roles of women in Mexico, the Caribbean, Central and South America. Special focus will be placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• SPAN-407 Latin American Short Narrative

Prerequisites:

Spanish 300; or Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

An exploration of some of the major trends in twentieth century Latin American story telling. Readings reflect the vast array of voices and styles, beginning with the fantastic literature of the 1930's, the birth of magical realism and the more contemporary socio-political narratives. Authors will include Maria Luisa Bombal, Julio Cortazar, Rosario Castellanos, Gabriel Garcia Marquez, Juan Rulfo, Luisa Valenzuela, among others.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• 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:

A survey of films from Argentina, Mexico, Cuba, and other Latin American countries. Taking the Cuban Revolution as our point of departure we shall explore the relationship between film and society and think about how our own understanding of a culture and its history is often shaped by the images that we receive on the screen. All films shown in Spanish with English subtitles. Discussions in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• **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:

The myth of a singular Latino experience in the United States will be examined through a variety of genres and authors. Issues of heritage, identity and the joys, struggles and challenges of growing up Latino/a also will be addressed. Among the writers read will be Sandra Cisneros, "House on Mango Street," Junot Diaz, "Drown," Esmeralda Santiago, "When I Was Puerto Rican," Tato Laviera, "AmeRican."

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• **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:

This course examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers we will study represent mainstream as well as marginal voices which address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean and Mexico. All texts available in both Spanish and English translation.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B,BA FOREIGN

- **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:

This course will focus on the dynamic relationships that exist between art (both visual and lyrical) and the written word. By reading twentieth century authors from Latin America and the Caribbean and juxtaposing their work with that of other artists who explore similar themes, students will examine the multiple ways in which art and literature contribute to our understanding of life in Latin America and the Caribbean. Music, paintings, photography, poetry, and prose will be among some of the genres studied.

Term:

Occasional

Type:

BA FOREIGN

- **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 will closely examine the contemporary world of Latin American Theatre. A study of basic theatre concepts and methodology will prepare 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 will also be part of the course framework.

Term:

Occasional

Type:

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

Type:

Cultural Diversity Opt A

- **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

Type:

Cultural Diversity Opt A

• **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-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

Type:

Cultural Diversity Opt B

Minor in Latin American and Caribbean Studies

Prerequisite: Demonstrated proficiency of Spanish, Portuguese, or French beyond the intermediate level. Normally this can be fulfilled by successful completion of one 300 level course.

The minor in Latin American and Caribbean Studies requires 24 credits or 6 courses of combined interdisciplinary study. Students must take at least one course from the following disciplines: government, Hispanic and Caribbean studies, and history, and three additional courses which may include but not be restricted to related interdisciplinary fields: communication and journalism, economics, and sociology.

2013-2014 Archived Catalog Information

Latin American & Caribbean Studies

The Latin American and Caribbean studies program seeks to develop a deeper understanding of the peoples and cultures of our Latin American and Caribbean neighbors. Through a multidisciplinary program in the humanities and social sciences, students will be prepared to pursue their post-graduate interests in international organizations, education, business, government, communication and journalism. Demonstrated proficiency in Spanish beyond the Intermediate level is required. Normally this can be fulfilled by successful completion of one 300-level course. For native speakers and in the case where the student's area of interest is better served by knowledge of another language (e.g., Portuguese or French), proficiency will be determined by an examination administered by the Department of World Languages and Cultural Studies.

Students may major or minor in Latin American and Caribbean Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major/Minor Requirements](#)
- [Honors](#)
- [Study Abroad](#)
- [Contact Us](#)

Candidates must register for a special research project (LACS 500) in the fall semester of the senior year and complete a senior thesis under the supervision of a faculty member participating in the Latin American and Caribbean Studies program.

2013-2014 Archived Catalog Information

Latin American & Caribbean Studies

The Latin American and Caribbean studies program seeks to develop a deeper understanding of the peoples and cultures of our Latin American and Caribbean neighbors. Through a multidisciplinary program in the humanities and social sciences, students will be prepared to pursue their post-graduate interests in international organizations, education, business, government, communication and journalism. Demonstrated proficiency in Spanish beyond the Intermediate level is required. Normally this can be fulfilled by successful completion of one 300-level course. For native speakers and in the case where the student's area of interest is better served by knowledge of another language (e.g., Portuguese or French), proficiency will be determined by an examination administered by the Department of World Languages and Cultural Studies.

Students may major or minor in Latin American and Caribbean Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major/Minor Requirements](#)
- [Honors](#)
- [Study Abroad](#)
- [Contact Us](#)

Students who concentrate in Latin American and Caribbean Studies are strongly encouraged to participate in a study abroad program. This may be done at affiliated institutions such as the Tecnológico de Monterrey or the Universidad Iberoamerica in Mexico, The International Center for Development Studies in Costa Rica, or through the International Internship Program (GVT 526/528/529) with a placement in Latin America or the Caribbean. Students may also design an independent research project through Interfuture that will partially fulfill the degree requirements for the major. In addition, students also have the option of participating in a domestic internship (GVT 507/524/525) related to Latin America or the Caribbean (a maximum of 9 credit hours).

2013-2014 Archived Catalog Information

Latin American & Caribbean Studies

The Latin American and Caribbean studies program seeks to develop a deeper understanding of the peoples and cultures of our Latin American and Caribbean neighbors. Through a multidisciplinary program in the humanities and social sciences, students will be prepared to pursue their post-graduate interests in international organizations, education, business, government, communication and journalism. Demonstrated proficiency in Spanish beyond the Intermediate level is required. Normally this can be fulfilled by successful completion of one 300-level course. For native speakers and in the case where the student's area of interest is better served by knowledge of another language (e.g., Portuguese or French), proficiency will be determined by an examination administered by the Department of World Languages and Cultural Studies.

Students may major or minor in Latin American and Caribbean Studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major/Minor Requirements](#)
- [Honors](#)
- [Study Abroad](#)
- [Contact Us](#)

Contact Us

Program Director

Celeste Kostopulos Cooperman, PhD

Phone: 617.573.8674

Fax: 617.367.5965

Email: ckostopulos@suffolk.edu

Office: Fenton Building, Rm. 553

World Languages and Cultural Studies Office

Madelyn Soto

Office Coordinator

Phone: 617.573.8285

Email: msoto@suffolk.edu

Mailing Address:

41 Temple Street

Boston, MA 02114-4280

2013-2014 Archived Catalog Information

Mathematics

The programs for mathematics majors at Suffolk provide students with strong foundations upon which to build challenging careers. Most of our majors broaden their options by completing a minor in computer science, engineering, economics or finance. This combination provides a solid basis for beginning a career immediately upon graduation or for pursuing further studies on a higher level.

The department offers two kinds of mathematics major programs – in pure mathematics and in applied mathematics with a concentration in economics/finance. The department also offers minor programs in mathematics and in actuarial science which can be used to complement a major program in another discipline.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Mathematics Courses](#)
- [Math Statistics Courses](#)

Mathematics Major Programs

The department of mathematics offers mathematics major programs in pure mathematics and applied mathematics with an economics/finance concentration. The applied mathematics major offers a choice of four different concentrations in economics/finance.

I. Mathematics Major in Pure Mathematics

A student majoring in mathematics must successfully complete 40 credits of coursework in mathematics plus 12 credits of coursework in computer science and physics, distributed as follows.

Major Course Requirements for Pure Mathematics (10 courses, 40 credits)

- **MATH-165 Calculus I**

Prerequisites:

Math Placement score or MATH 121 with a grade of C or better

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 165 with grade of C or better

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-165 and MATH-166 with a grade of C or better

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-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, pointwise and uniform convergence of functions, and an introduction to metric spaces.

Two additional 4-credit mathematics courses at or above the 200 level
One additional 4-credit mathematics course at or above the 300 level

Complementary Major Requirements for Pure Mathematics (3 courses and corresponding labs, 12 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.

Type:

Quantitative Reasoning

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

II. Mathematics Major in Applied Mathematics With Economics/Finance

A student majoring in applied mathematics must successfully complete 32 credits of coursework in mathematics, 12 credits of coursework in computer science and economics, and between 27 to 34 credits of coursework in economics/finance depending on the concentration chosen.

Major Course Requirements for Applied Mathematics (7 courses, 28 credits)

- **MATH-165 Calculus I**

Prerequisites:

Math Placement score or MATH 121 with a grade of C or better

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 165 with grade of C or better

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-255 Probability and Statistics**

Prerequisites:

MATH-166 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-331 Introduction to Abstract Math

Prerequisites:

MATH-165 and MATH-166 with a grade of C or better

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.

Two additional mathematics/statistics courses at the 200 level or higher depending on the track chosen (specified below)

Complementary Major Course Requirements for Applied Math (3 courses, 12 credits)

One course in computer science

- **EC-101 Applied Microeconomics**

Credits:

4.00

Description:

Introduction to the organization and operation of a market economy with a focus on how it allocates scarce resources; development of the economic way of thinking. The analysis of the theory of consumer demand and the profit-maximizing behavior of firms; examination of pricing and output decisions of firms under conditions of competition and imperfect competition in a global marketplace. Analysis of markets for labor and capital. Policy issues include price ceilings and floors, trade barriers, competition and monopoly. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-102 Global Macroeconomics**

Credits:

4.00

Description:

This course provides an analysis of relationships among variables such as inflation, employment, economic growth, national income, and the supply of money. Heavy emphasis is placed on the role of government in setting both fiscal and monetary policy goals to achieve a stable economy. Balance of trade and exchange rates are examined to help provide an understanding of the global economy. Required of all majors and minors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

Economics-Finance Concentration Requirement

A student must select one of the following concentrations:

(A) Actuarial Science Concentration

One elective in mathematics*

- **ACCT-201 Acct for Decision Making I**

Prerequisites:

ENG 102; ISOM 120; MATH 130, or MATH 134, or MATH 146, or MATH 161, or MATH 165

Credits:

3.00

Description:

Designed to provide a user of accounting information with the skills to appraise and manage a business. Students are introduced to the accounting cycle, the financial statements, and the theory underlying accounting as information. Coverage addresses current accounting topics, including relevant ethical and international issues found in the financial press.

- **ACCT-202 Acct for Decision Making II**

Prerequisites:

ACCT-201

Credits:

3.00

Description:

Enables students to apply the concepts and skills from the preceding course. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Relevant current ethical and competitive issues found in the financial press are discussed in the course.

- **FIN-310 Business Finance**

Prerequisites:

MATH 130 or above; EC 101; ACCT 201; STATS 240 or 250 (can take concurrently with FIN 310); 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.

Term:

Offered Both Fall and Spring

• **MATH-290 Financial Mathematics I**

Prerequisites:

MATH-166 with a grade of C or better

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.

Type:

Expanded Classroom Requirement

• **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.

Type:

Social Science

- **ISOM-120 Information Technology and Productivity**

Credits:

3.00

Description:

This course provides a comprehensive introduction to information technology and information systems concepts. Students learn the importance of modern information technologies in the workplace. The course covers technology resources of the digital age, such as computer software, hardware, communication, database and telecommunication systems. Students also learn to increase productivity through the integration and use of productivity software applications, such as spreadsheets, presentation software and databases. In addition, students learn the fundamental concepts of database design and relational database management systems (DBMS) such as Microsoft access.

Term:

Offered Both Fall and Spring

One course in finance from:

- **FIN-311 Intermediate Finance**

Prerequisites:

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 310 and 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 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 & Options**

Prerequisites:

FIN 315

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

(B) Math with Economics Concentration

- **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.

Type:

Social Science

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

OR

• **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

AND

Three courses in economics (one of which must be at the 400 level)

Two electives in mathematics*

- **ACCT-201 Acct for Decision Making I**

Prerequisites:

ENG 102; ISOM 120; MATH 130, or MATH 134, or MATH 146, or MATH 161, or MATH 165

Credits:

3.00

Description:

Designed to provide a user of accounting information with the skills to appraise and manage a business. Students are introduced to the accounting cycle, the financial statements, and the theory underlying accounting as information. Coverage addresses current accounting topics, including relevant ethical and international issues found in the financial press.

- **ACCT-202 Acct for Decision Making II**

Prerequisites:

ACCT-201

Credits:

3.00

Description:

Enables students to apply the concepts and skills from the preceding course. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Relevant current ethical and competitive issues found in the financial press are discussed in the course.

- **FIN-310 Business Finance**

Prerequisites:

MATH 130 or above; EC 101; ACCT 201; STATS 240 or 250 (can take concurrently with FIN 310); 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.

Term:

Offered Both Fall and Spring

- **ISOM-120 Information Technology and Productivity**

Credits:

3.00

Description:

This course provides a comprehensive introduction to information technology and information systems concepts. Students learn the importance of modern information technologies in the workplace. The course covers technology resources of the digital age, such as computer software, hardware, communication, database and telecommunication systems. Students also learn to increase productivity through the integration and use of productivity software applications, such as spreadsheets, presentation software and databases. In addition, students learn the fundamental concepts of database design and relational database management systems (DBMS) such as Microsoft access.

Term:

Offered Both Fall and Spring

Four courses in finance (at 300 level or above)

Two electives in mathematics or STATS 350 and one MATH elective*

(D) Math with Economics and Finance Concentration

- **ACCT-201 Acct for Decision Making I**

Prerequisites:

ENG 102; ISOM 120; MATH 130, or MATH 134, or MATH 146, or MATH 161, or MATH 165

Credits:

3.00

Description:

Designed to provide a user of accounting information with the skills to appraise and manage a business. Students are introduced to the accounting cycle, the financial statements, and the theory underlying accounting as information. Coverage addresses current accounting topics, including relevant ethical and international issues found in the financial press.

- **ACCT-202 Acct for Decision Making II**

Prerequisites:

ACCT-201

Credits:

3.00

Description:

Enables students to apply the concepts and skills from the preceding course. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Relevant current ethical and competitive issues found in the financial press are discussed in the course.

• **FIN-310 Business Finance**

Prerequisites:

MATH 130 or above; EC 101; ACCT 201; STATS 240 or 250 (can take concurrently with FIN 310); 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.

Term:

Offered Both Fall and Spring

• **ISOM-120 Information Technology and Productivity**

Credits:

3.00

Description:

This course provides a comprehensive introduction to information technology and information systems concepts. Students learn the importance of modern information technologies in the workplace. The course covers technology resources of the digital age, such as computer software, hardware, communication, database and telecommunication systems. Students also learn to increase productivity through the integration and use of productivity software applications, such as spreadsheets, presentation software and databases. In addition, students learn the fundamental concepts of database design and relational database management systems (DBMS) such as Microsoft access.

Term:

Offered Both Fall and Spring

• **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

Two courses in economics (one of which must be at the 400 level)

Two courses in finance

One elective in mathematics or STATS-350*

*All mathematics electives must carry 4 credits.

2013-2014 Archived Catalog Information

Mathematics

The programs for mathematics majors at Suffolk provide students with strong foundations upon which to build challenging careers. Most of our majors broaden their options by completing a minor in computer science, engineering, economics or finance. This combination provides a solid basis for beginning a career immediately upon graduation or for pursuing further studies on a higher level.

The department offers two kinds of mathematics major programs – in pure mathematics and in applied mathematics with a concentration in economics/finance. The department also offers minor programs in mathematics and in actuarial science which can be used to complement a major program in another discipline.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Mathematics Courses](#)
- [Math Statistics Courses](#)

Pure Mathematics

Freshman Year

Seminar for Freshmen

- 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

• **MATH-165 Calculus I**

Prerequisites:

Math Placement score or MATH 121 with a grade of C or better

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 165 with grade of C or better

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.

- **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.

Type:

Quantitative Reasoning

Sophomore Year

- **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-165 and MATH-166 with a grade of C or better

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.

• **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

Literature (4)

Humanities/History (4)

Free electives (8)

Junior Year

- **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 elective (4) or MATH-462 (4)

Social Science (4)

Free electives (16)

Senior Year

- **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 electives (8)

Humanities (4)

Free electives (16)

Applied Mathematics

Freshman Year (32 Credits)

- **MATH-165 Calculus I**

Prerequisites:

Math Placement score or MATH 121 with a grade of C or better

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 165 with grade of C or better

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.

Seminar for Freshmen (4)

Freshman Writing (8)

Computer Science Course (4)

Ethics (4)

Humanities/History (4)

Sophomore Year (32 Credits)

- **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-255 Probability and Statistics**

Prerequisites:

MATH-166 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-331 Introduction to Abstract Math**

Prerequisites:

MATH-165 and MATH-166 with a grade of C or better

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.

- **EC-101 Applied Microeconomics**

Credits:

4.00

Description:

Introduction to the organization and operation of a market economy with a focus on how it allocates scarce resources; development of the economic way of thinking. The analysis of the theory of consumer demand and the profit-maximizing behavior of firms; examination of pricing and output decisions of firms under conditions of competition and imperfect competition in a global marketplace. Analysis of markets for labor and capital. Policy issues include price ceilings and floors, trade barriers, competition and monopoly. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-102 Global Macroeconomics**

Credits:

4.00

Description:

This course provides an analysis of relationships among variables such as inflation, employment, economic growth, national income, and the supply of money. Heavy emphasis is placed on the role of government in setting both fiscal and monetary policy goals to achieve a stable economy. Balance of trade and exchange rates are examined to help provide an understanding of the global economy. Required of all majors and minors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

Literature (4)

EC 101-102 (8)

Humanities/History (4)

Math Elective (4)

A student majoring in Applied Mathematics with Economics/Finance must select one of the following tracks: (A) Actuarial Science Track (B) Mathematics with Economics Track (C) Mathematics with Finance Track (D) Mathematics with Economics and Finance Track

Junior Year (A: 33 Credits, B: 32 Credits, C: 29 Credits, D: 29 Credits)

A)

- ISOM-120 Information Technology and Productivity

Credits:

3.00

Description:

This course provides a comprehensive introduction to information technology and information systems concepts. Students learn the importance of modern information technologies in the workplace. The course covers technology resources of the digital age, such as computer software, hardware, communication, database and telecommunication systems. Students also learn to increase productivity through the integration and use of productivity software applications, such as spreadsheets, presentation software and databases. In addition, students learn the fundamental concepts of database design and relational database management systems (DBMS) such as Microsoft access.

Term:

Offered Both Fall and Spring

• ACCT-201 Acct for Decision Making I

Prerequisites:

ENG 102; ISOM 120; MATH 130, or MATH 134, or MATH 146, or MATH 161, or MATH 165

Credits:

3.00

Description:

Designed to provide a user of accounting information with the skills to appraise and manage a business. Students are introduced to the accounting cycle, the financial statements, and the theory underlying accounting as information. Coverage addresses current accounting topics, including relevant ethical and international issues found in the financial press.

• ACCT-202 Acct for Decision Making II

Prerequisites:

ACCT-201

Credits:

3.00

Description:

Enables students to apply the concepts and skills from the preceding course. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Relevant current ethical and competitive issues found in the financial press are discussed in the course.

• MATH-290 Financial Mathematics I

Prerequisites:

MATH-166 with a grade of C or better

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.

Type:

- **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.

Type:

Social Science

B)

- **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.

Type:

Social Science

- **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

c)

• **ACCT-201 Acct for Decision Making I**

Prerequisites:

ENG 102; ISOM 120; MATH 130, or MATH 134, or MATH 146, or MATH 161, or MATH 165

Credits:

3.00

Description:

Designed to provide a user of accounting information with the skills to appraise and manage a business. Students are introduced to the accounting cycle, the financial statements, and the theory underlying accounting as information. Coverage addresses current accounting topics, including relevant ethical and international issues found in the financial press.

- **ACCT-202 Acct for Decision Making II**

Prerequisites:

ACCT-201

Credits:

3.00

Description:

Enables students to apply the concepts and skills from the preceding course. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Relevant current ethical and competitive issues found in the financial press are discussed in the course.

- **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.

Type:

Social Science

- **ACCT-201 Acct for Decision Making I**

D)

Prerequisites:

ENG 102; ISOM 120; MATH 130, or MATH 134, or MATH 146, or MATH 161, or MATH 165

Credits:

3.00

Description:

Designed to provide a user of accounting information with the skills to appraise and manage a business. Students are introduced to the accounting cycle, the financial statements, and the theory underlying accounting as information. Coverage addresses current accounting topics, including relevant ethical and international issues found in the financial press.

• **ACCT-202 Acct for Decision Making II**

Prerequisites:

ACCT-201

Credits:

3.00

Description:

Enables students to apply the concepts and skills from the preceding course. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Relevant current ethical and competitive issues found in the financial press are discussed in the course.

• **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• 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.

Type:

Social Science

A)

• 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.

- **FIN-310 Business Finance**

Prerequisites:

MATH 130 or above; EC 101; ACCT 201; STATS 240 or 250 (can take concurrently with FIN 310); 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.

Term:

Offered Both Fall and Spring

- **FIN-311 Intermediate Finance**

Prerequisites:

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 310 and 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 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 & Options

Prerequisites:

FIN 315

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

(B)

2 EC courses (8) + Free Electives

C)

- **FIN-310 Business Finance**

Prerequisites:

MATH 130 or above; EC 101; ACCT 201; STATS 240 or 250 (can take concurrently with FIN 310); 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.

Term:

Offered Both Fall and Spring

4 courses in Finance (at 300 or above) (15) + Free Electives

D)

- **FIN-310 Business Finance**

Prerequisites:

MATH 130 or above; EC 101; ACCT 201; STATS 240 or 250 (can take concurrently with FIN 310); 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.

Term:

Offered Both Fall and Spring

2 courses in Finance (9); 2 courses in EC (one at 400 level) (8) + Free Electives]

A minimum of 126 credits must be obtained by taking free electives. At least one of the courses must satisfy the ECR requirement.

MATHSHOP

Some students who come to Suffolk are, for various reasons, not prepared to take their first college math course. Sometimes this is revealed by the Math Placement Exam. Students whose placement scores indicate serious deficiencies in math skills or who are extremely apprehensive about taking their first math course should consider taking MATHSHOP.

MATHSHOP is a one-semester workshop intended to help students develop the basic skills needed to build confidence prior to taking a college math course. It is taught by carefully supervised upper division math students and has a track record of getting students past some of the obstacles that have prevented them from dealing successfully with college math.

2013-2014 Archived Catalog Information

Mathematics

The programs for mathematics majors at Suffolk provide students with strong foundations upon which to build challenging careers. Most of our majors broaden their options by completing a minor in computer science, engineering, economics or finance. This combination provides a solid basis for beginning a career immediately upon graduation or for pursuing further studies on a higher level.

The department offers two kinds of mathematics major programs – in pure mathematics and in applied mathematics with a concentration in economics/finance. The department also offers minor programs in mathematics and in actuarial science which can be used to complement a major program in another discipline.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Mathematics Courses](#)
- [Math Statistics Courses](#)

The department offers two mathematics minor programs – in pure mathematics and in actuarial science.

Requirements for a Minor in Pure Mathematics (5 courses, 20 credits)

To qualify for a minor in mathematics, a student must successfully complete (with a GPA of at least 2.0) 20 credits of coursework in mathematics, distributed as follows:

- **MATH-165 Calculus I**

Prerequisites:

Math Placement score or MATH 121 with a grade of C or better

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 165 with grade of C or better

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-165 and MATH-166 with a grade of C or better

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.

One additional 4-credit Mathematics course at or above the 200 level

Requirements for a Minor in Actuarial Science (7 courses, 28 credits)

To qualify for a minor in actuarial science, a student must successfully complete (with a GPA of at least 2.0) 28 credits of coursework in mathematics, distributed as follows:

- **MATH-165 Calculus I**

Prerequisites:

Math Placement score or MATH 121 with a grade of C or better

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 165 with grade of C or better

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-290 Financial Mathematics I**

Prerequisites:

MATH-166 with a grade of C or better

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.

Type:

Expanded Classroom Requirement

- **MATH-255 Probability and Statistics**

Prerequisites:

MATH-166 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.

- **EC-101 Applied Microeconomics**

Credits:

4.00

Description:

Introduction to the organization and operation of a market economy with a focus on how it allocates scarce resources; development of the economic way of thinking. The analysis of the theory of consumer demand and the profit-maximizing behavior of firms; examination of pricing and output decisions of firms under conditions of competition and imperfect competition in a global marketplace. Analysis of markets for labor and capital. Policy issues include price ceilings and floors, trade barriers, competition and monopoly. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-102 Global Macroeconomics**

Credits:

4.00

Description:

This course provides an analysis of relationships among variables such as inflation, employment, economic growth, national income, and the supply of money. Heavy emphasis is placed on the role of government in setting both fiscal and monetary policy goals to achieve a stable economy. Balance of trade and exchange rates are examined to help provide an understanding of the global economy. Required of all majors and minors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

2013-2014 Archived Catalog Information

Mathematics

The programs for mathematics majors at Suffolk provide students with strong foundations upon which to build challenging careers. Most of our majors broaden their options by completing a minor in computer science, engineering, economics or finance. This combination provides a solid basis for beginning a career immediately upon graduation or for pursuing further studies on a higher level.

The department offers two kinds of mathematics major programs – in pure mathematics and in applied mathematics with a concentration in economics/finance. The department also offers minor programs in mathematics and in actuarial science which can be used to complement a major program in another discipline.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Mathematics Courses](#)
- [Math Statistics Courses](#)

• 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-002 Preparing for College Math

Prerequisites:

Requirements: Internet access, Suffolk e-mail, computer headset with microphone and earphones. MyMathLab or WebAssign access key (obtained after registration for course)

Credits:

0.00

Description:

This course is designed for students who want a refresher of some real numbers and algebra topics before taking MATH 130 and MATH 134 or MATH 121. Topics covered in each section will be adjusted based on students' needs but will include real number arithmetic, lines, graphs and some basic algebra. Designed for students with math placement scores 80-120.

- **MATH-104 Precalculus for Management & Social Sciences**

Prerequisites:

Appropriate Math Placement Exam score.

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 or MATH 108 with a B or higher or appropriate math placement score

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

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, MATH 108, MATH121 or appropriate math placement score.

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 appropriate math placement score.

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 Placement score or MATH 121 with a grade of C or better

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 165 with grade of C or better

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-167 Honors Calculus Seminar I**

Credits:

1.00

Description:

Intended for students who are simultaneously taking Math 165 or Math 166, this seminar meets once per week to investigate some of the more theoretical and challenging aspects of the topics covered in MATH 165 and 166. Normally offered each spring.

• **MATH-220 Mathematics for Scientists and Engineers**

Prerequisites:

Take MATH-166

Credits:

4.00

Description:

Topics mostly selected from the following list: complex numbers (i, arithmetic, Euler phi function, DeMoivre's theorem, roots of unity); elementary computational linear algebra (matrices: addition, scalar multiplication, multiplication, adjoint, transpose, inverse, rank, Gaussian elimination, Cramer's rule, linear functions, transformations of 2 and 3 space; vectors: definition, addition, subtraction, dot product, cross product, basis vectors, change of bases, eigenvalues, eigenvectors); combinatorics (counting principles, permutations and combinations); finite probability (basic definitions, sample spaces, events, probabilities of unions and intersections). Normally offered once per year.

• **MATH-255 Probability and Statistics**

Prerequisites:

MATH-166 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-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-267 Honors Calculus Seminar II

Prerequisites:

Intended for students simultaneously taking MATH 265

Credits:

1.00

Description:

This seminar meets once per week to investigate some of the more theoretical and challenging aspects of the topics covered in MATH 265. Normally offered once per year.

• **MATH-285 Discrete Mathematics**

Prerequisites:

MATH-166 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 with a grade of C or better

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.

Type:

Expanded Classroom Requirement

• MATH-331 Introduction to Abstract Math

Prerequisites:

MATH-165 and MATH-166 with a grade of C or better

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-351 Geometry

Credits:

4.00

Description:

Topics chosen from such areas as foundations of geometry, non-Euclidean geometry, projective geometry and convexity. Prerequisite: MATH 331. 1 term - 3 credits. Offered as the need arises.

• MATH-373 Ordinary Differential Equations

Prerequisites:

MATH 262

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-391 Advanced Honors Seminar

Credits:

1.00

Description:

Intended for students with a substantial level of mathematical maturity who wish to investigate advanced topics. This seminar fulfills one of the Honors Math lab requirements. Prerequisite: Permission of instructor; 1 term, 1 credit; offered in response to need and interest.

- **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, pointwise and uniform convergence of functions, and an introduction to metric spaces.

- **MATH-463 Real Analysis II**

Prerequisites:

MATH 462 with at least a grade of C

Credits:

4.00

Description:

Continuation of the basics of analysis including integration and measure theory.

- **MATH-481 Complex Analysis I**

Prerequisites:

MATH 462

Credits:

4.00

Description:

Construction and properties of complex numbers, calculus in the complex plane, analytic functions, contour integrals and the basics of Cauchy theory, power series representations. Prerequisite: MATH 331 or instructor's consent.

- **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-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.

2013-2014 Archived Catalog Information

Mathematics

The programs for mathematics majors at Suffolk provide students with strong foundations upon which to build challenging careers. Most of our majors broaden their options by completing a minor in computer science, engineering, economics or finance. This combination provides a solid basis for beginning a career immediately upon graduation or for pursuing further studies on a higher level.

The department offers two kinds of mathematics major programs – in pure mathematics and in applied mathematics with a concentration in economics/finance. The department also offers minor programs in mathematics and in actuarial science which can be used to complement a major program in another discipline.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Mathematics Courses](#)
- [Math Statistics Courses](#)

- **STATS-240 Introduction to Statistics**

Prerequisites:

Math 130 or higher.

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. Prerequisite: Math 130 or higher. 1 term - 4 credits (4 hours per week). Normally offered each semester.

Type:

Quantitative Reasoning

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 130, MATH 134, MATH 146 OR MATH 165

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 Reasoning

- **STATS-H250 Honors Applied Statistic**

Prerequisites:

MATH 130, 134, 146, or 165; Honors Course; GPA of 3.2

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:

Quantitative Reasoning

- **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.

Type:

Social Science

- **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.

2013-2014 Archived Catalog Information

Medical Dosimetry

The physics department provides a rigorous and comprehensive education to students interested in pursuing careers in radiation therapy or medical dosimetry. Students receive instruction from a multifaceted faculty in diverse clinical settings while using the most advanced technologies to develop exceptional clinical skills that will prepare them for entry level positions. Graduates of our program will think critically, communicate effectively, and appreciate the importance of continued education in maintaining their competence.

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Medical Dosimetry](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Prerequisites for Admission](#)
- [Suggested Course Sequence](#)
- [Certificate in Medical Dosimetry Courses](#)

All candidates seeking admission into the Medical Dosimetry Certificate program must hold a bachelor's degree from an accredited institution demonstrating a minimum cumulative GPA of 3.0. In addition, completion of the following courses with a grade of "B" or better is required:

- Calculus I and II
- Major's level Biology with lab Anatomy and Physiology I and II with labs
- Calculus-based Physics I and II with labs

Graduates of the program may seek employment immediately following graduation and will be eligible for the Medical Dosimetrist Certification Board exam.

2013-2014 Archived Catalog Information

Medical Dosimetry

The physics department provides a rigorous and comprehensive education to students interested in pursuing careers in radiation therapy or medical dosimetry. Students receive instruction from a multifaceted faculty in diverse clinical settings while using the most advanced technologies to develop exceptional clinical skills that will prepare them for entry level positions. Graduates of our program will think critically, communicate effectively, and appreciate the importance of continued education in maintaining their competence.

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Medical Dosimetry](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Prerequisites for Admission](#)
- [Suggested Course Sequence](#)
- [Certificate in Medical Dosimetry Courses](#)

The curriculum for the Medical Dosimetry certificate program is as follows:

Fall Semester – Year 1 (16 credits)

- 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-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

Type:

Expanded Classroom Requirement

• **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

Spring Semester – Year 1 (16 credits)

- **PHYS-301 Clinical Radiation I**

Prerequisites:

BIO 204 and MS 200

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-L311 Medical Dosimetry Rotation I**

Prerequisites:

MS-L111 and take MS-301 concurrently

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-317 Radiation Physics II**

Prerequisites:

MS 315

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:

MS 315;MSL415 concurrently

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:

MS 315, MS L315, MS 415 concurrently

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

Biostatistics Option: BIO-273, STATS-250, or PSYCH-215

Clinic hours, 16 per week

Summer Session (1 credit)

- **PHYS-L314 Medical Practicum for Dosimetry**

Prerequisites:

Take MS-301 and MS-L311;

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

Type:

Expanded Classroom Requirement

Clinic hours, 40 per week for 13 weeks

Fall Semester – Year 2 (16 credits)

- **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-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-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-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

Ethics option: PHIL-119, PHIL-123, or PHIL-127

Clinic hours, 24 per week

Spring Semester – Year 2 (13 credits)

- **PHYS-L313 Medical Dosimetry Rotation III**

Prerequisites:

MS-L312 and MS-303 concurrently

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-416 Radiation Biology**

Prerequisites:

Take BIO 403, MS 315 and MS L315.

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-450 Dosimetry Systems and Networking**

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-476 Senior Seminar for Medical Dosimetry**

Prerequisites:

Senior Status

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.

Clinic hours, 24 per week

2013-2014 Archived Catalog Information

Medical Dosimetry

The physics department provides a rigorous and comprehensive education to students interested in pursuing careers in radiation therapy or medical dosimetry. Students receive instruction from a multifaceted faculty in diverse clinical settings while using the most advanced technologies to develop exceptional clinical skills that will prepare them for entry level positions. Graduates of our program will think critically, communicate effectively, and appreciate the importance of continued education in maintaining their competence.

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Medical Dosimetry](#).

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Prerequisites for Admission](#)
- [Suggested Course Sequence](#)
- [Certificate in Medical Dosimetry Courses](#)

- **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:

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-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-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

eters, principles and practical use of TLDs, film, calorimetry, scintillation detectors, radiation protection and quality assurance.

Term:

Offered Fall Term

- **PHYS-317 Radiation Physics II**

Prerequisites:

MS 315

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:

MS 315;MSL415 concurrently

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-416 Radiation Biology**

Prerequisites:

Take BIO 403, MS 315 and MS L315.

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**

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-476 Senior Seminar for Medical Dosimetry**

Prerequisites:

Senior Status

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-L311 Medical Dosimetry Rotation I**

Prerequisites:

MS-L111 and take MS-301 concurrently

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:

MS-L312 and MS-303 concurrently

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 Practicum for Dosimetry**

Prerequisites:

Take MS-301 and MS-L311;

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

Type:

Expanded Classroom Requirement

• **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

Type:

Expanded Classroom Requirement

• **PHYS-L415 Dosimetry I Lab**

Prerequisites:

MS 315, MS L315, MS 415 concurrently

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

2013-2014 Archived Catalog Information

Music History

Suffolk offers three choices for the academic study of music: the BA in Music History, alone or as a double major with, for example, business or English; a music history minor combined with another major of the student's choice; or elective music courses in the student's area of interest.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Suggested Course Sequence](#)
- [Honors](#)
- [Music History Courses](#)

A music history major and music history minor are available through the Department of World Languages and Cultural Studies.

Music History Major (10 courses, 40 credits)

Required Courses (2 courses, 8 credits)

- **MUH-101 History of Music I**

Credits:

4.00

Description:

A chronological survey of Western music from Gregorian chant to the death of Beethoven. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-102 History of Music II**

Credits:

4.00

Description:

A chronological survey of Western music from Schubert to the present. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

Advanced Courses (8 courses, 24 credits)

1. Music Courses (6-8 courses)

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Survey from Colonial times to the present. Various attempts to create an indigenous style. Folk, religious music and symphonies, jazz and American musical theater. Composers include Billings, Beach, Ives, Copland, Bernstein and others.

Term:

Alternates Fall & Spring

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-221 History of Women in Music**

Credits:

4.00

Description:

The history of music from the Middle Ages to the present presented in the lives and music of women composers, performers, and writers. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **MUH-223 World Music**

Credits:

4.00

Description:

Selected topics in the folk and traditional music of Africa, the Near East, the Far East, and the Pacific, examined in the context of their cultures and their roles in the life of the indigenous peoples of those areas. Assigned readings, critical listening, class discussion, and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **MUH-227 Jazz**

Credits:

4.00

Description:

Evolution of jazz from blues and ragtime through Dixieland and the avant-garde experiments of today. Contributions of major soloists, arrangers and composers. Listening, reading and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **MUH-233 The Blues**

Credits:

4.00

Description:

Selected topics dealing with the blues from its origins in various Southern regions of the U.S., through its post-war urban relocation, up to modern interpretations in rock, rap, pop, and hip-hop today. Blues music, both technically and culturally, will be considered from the artist's perspective as a form of African-American expression and American/African-American oral history, as well as a unique indigenous form of American music. Influences of European, African, Country and Jazz styles will be examined, as well as the themes of race and alienation, and similar socio-cultural influences that have shaped and defined the music over time.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

• **MUH-331 Music in Film**

Credits:

4.00

Description:

This class studies the history and development of film music through reading, lecture and class listening. We investigate the process of film scoring, and how music and its relationship to film have changed over the last century. The class includes discussion and evaluation of different compositional styles and practices to listening critically to film scores while viewing movies.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• **MUH-510 Independent Study**

Prerequisites:

Instructor's Consent.

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

Type:

Humanities & History, Humanities Literature Requirement

2. Related Options: A maximum of 2 courses

May be chosen from the following:

- **MUH-110 Music Theory**

Credits:

4.00

Description:

Topics in music history and theory, including terminology, notation, scales, chords, and basic composition, score analysis and aural skills, historical periods and genres. Assignments include reading, writing, listening, and class discussion.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Any ARH course offering at level 200 or above

Notes:

- AP Credit: not applicable.
- A maximum of three courses taken at other institutions or as part of a study abroad program may apply toward the major.
- Departmental honors: Candidates must register for MUH 502 in the fall semester of the senior year and complete a senior thesis under the supervision of a faculty member. MUH 502 counts toward completion of the major.
- Independent Study (MUH 510) may be taken only once (permission required).

2013-2014 Archived Catalog Information

Music History

Suffolk offers three choices for the academic study of music: the BA in Music History, alone or as a double major with, for example, business or English; a music history minor combined with another major of the student's choice; or elective music courses in the student's area of interest.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Suggested Course Sequence](#)
- [Honors](#)
- [Music History Courses](#)

The minor in music history requires a total of 6 courses (24 credits).

Required Courses

- MUH-101 History of Music I

Credits:

4.00

Description:

A chronological survey of Western music from Gregorian chant to the death of Beethoven. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- MUH-102 History of Music II

Credits:

4.00

Description:

A chronological survey of Western music from Schubert to the present. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

Four Advanced Courses

1. Music Courses (3 or 4 courses)

• **MUH-211 Music of the United States**

Credits:

4.00

Description:

Survey from Colonial times to the present. Various attempts to create an indigenous style. Folk, religious music and symphonies, jazz and American musical theater. Composers include Billings, Beach, Ives, Copland, Bernstein and others.

Term:

Alternates Fall & Spring

Type:

Humanities & History, Humanities Literature Requirement

• **MUH-221 History of Women in Music**

Credits:

4.00

Description:

The history of music from the Middle Ages to the present presented in the lives and music of women composers, performers, and writers. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Alternates Fall & Spring

Type:

- **MUH-223 World Music**

Credits:

4.00

Description:

Selected topics in the folk and traditional music of Africa, the Near East, the Far East, and the Pacific, examined in the context of their cultures and their roles in the life of the indigenous peoples of those areas. Assigned readings, critical listening, class discussion, and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **MUH-227 Jazz**

Credits:

4.00

Description:

Evolution of jazz from blues and ragtime through Dixieland and the avant-garde experiments of today. Contributions of major soloists, arrangers and composers. Listening, reading and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **MUH-233 The Blues**

Credits:

4.00

Description:

Selected topics dealing with the blues from its origins in various Southern regions of the U.S., through its post-war urban relocation, up to modern interpretations in rock, rap, pop, and hip-hop today. Blues music, both technically and culturally, will be considered from the artist's perspective as a form of African-American expression and

American/African-American oral history, as well as a unique indigenous form of American music. Influences of European, African, Country and Jazz styles will be examined, as well as the themes of race and alienation, and similar socio-cultural influences that have shaped and defined the music over time.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **MUH-331 Music in Film**

Credits:

4.00

Description:

This class studies the history and development of film music through reading, lecture and class listening. We investigate the process of film scoring, and how music and its relationship to film have changed over the last century. The class includes discussion and evaluation of different compositional styles and practices to listening critically to film scores while viewing movies.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

2. Related Options (maximum of 1 course)

May be chosen from the following:

Any ARH course offering at level 200 or above

- **MUH-110 Music Theory**

Credits:

4.00

Description:

Topics in music history and theory, including terminology, notation, scales, chords, and basic composition, score analysis and aural skills, historical periods and genres. Assignments include reading, writing, listening, and class discussion.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Notes:

- AP Credit: not applicable
- A maximum of two courses taken at other institutions or as part of a study abroad program may apply toward the minor.

Additional Rubrics:

- Any Seminar for Freshmen with a strong music component (50% or more of course content) may count toward the minor program.

2013-2014 Archived Catalog Information

Music History

Suffolk offers three choices for the academic study of music: the BA in Music History, alone or as a double major with, for example, business or English; a music history minor combined with another major of the student's choice; or elective music courses in the student's area of interest.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Suggested Course Sequence](#)
- [Honors](#)
- [Music History Courses](#)

Sample Four-Year Curriculum for Music History Major

[Seminar for Freshmen](#)

- MUH-101 History of Music I

Credits:

4.00

Description:

A chronological survey of Western music from Gregorian chant to the death of Beethoven. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- MUH-102 History of Music II

Credits:

4.00

Description:

A chronological survey of Western music from Schubert to the present. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

• **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

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

Prerequisites:

MATH 104, MATH 108, MATH121 or appropriate math placement score.

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.

• SCI-123 Scientific Bases of Modern Problems

Prerequisites:

one semester of a laboratory science, Math requirement (MATH 130 or higher) and Comp Sci req

Credits:

4.00

Description:

A seminar course that explores modern personal, social, and political problems in the world today, such as: stem cell research, genetically modified foods, cloning, exploration of outer space, hurricanes, earthquakes, artificial intelligence, environmental pollution, energy resources, or any other topic that is of current concern and that has scientific/technological components. Course activity is based on class discussion and writing on selected current readings along with outside weekly projects, culminating in a term paper project and presentation. Intended to satisfy the science requirement for the BA degree. Prerequisite: one semester of a laboratory science, mathematics requirement, computer science requirement.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

Sophomore Year (8 courses/32 credits)

Three courses in Music History

Science requirement (with lab)

Cultural Diversity A or B

Ethics requirement

Two courses in a Modern Language

Junior Year (8 courses/32 credits)

Three courses in Music History

Cultural Diversity A or B

Literature requirement

Free Elective or Minor

Free Elective or Minor

Free Elective or Minor

OR Study Abroad (full year or spring semester)

Senior Year (8 courses/32 credits)

Two courses in Music History OR

Two courses in Related Options* OR

One course in Music History/Related Options* and HUM 502: Honors Thesis (fall semester)

Free Elective or Minor

Free Elective or Minor

Free Elective or Minor

Free Elective

Free Elective

Free Elective

Total (126 credits required for graduation): 128

*Related Options:

- MUH-110 Music Theory

Credits:

4.00

Description:

Topics in music history and theory, including terminology, notation, scales, chords, and basic composition, score analysis and aural skills, historical periods and genres. Assignments include reading, writing, listening, and class discussion.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

Any ARH course offering at level 200 or above

2013-2014 Archived Catalog Information

Music History

Suffolk offers three choices for the academic study of music: the BA in Music History, alone or as a double major with, for example, business or English; a music history minor combined with another major of the student's choice; or elective music courses in the student's area of interest.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Suggested Course Sequence](#)
- [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 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.

2013-2014 Archived Catalog Information

Music History

Suffolk offers three choices for the academic study of music: the BA in Music History, alone or as a double major with, for example, business or English; a music history minor combined with another major of the student's choice; or elective music courses in the student's area of interest.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Suggested Course Sequence](#)
- [Honors](#)
- [Music History Courses](#)

- MUH-101 History of Music I

Credits:

4.00

Description:

A chronological survey of Western music from Gregorian chant to the death of Beethoven. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Fall Term

Type:

Humanities & History, Humanities Literature Requirement

- MUH-102 History of Music II

Credits:

4.00

Description:

A chronological survey of Western music from Schubert to the present. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Offered Spring Term

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-110 Music Theory**

Credits:

4.00

Description:

Topics in music history and theory, including terminology, notation, scales, chords, and basic composition, score analysis and aural skills, historical periods and genres. Assignments include reading, writing, listening, and class discussion.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-211 Music of the United States**

Credits:

4.00

Description:

Survey from Colonial times to the present. Various attempts to create an indigenous style. Folk, religious music and symphonies, jazz and American musical theater. Composers include Billings, Beach, Ives, Copland, Bernstein and others.

Term:

Alternates Fall & Spring

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-212 Popular Music in the United States**

Credits:

4.00

Description:

This course covers various popular music styles that emerged in the United States of America in the twentieth century, including blues, music theater, jazz, country, rock and hip-hop. In addition to representative musical selections, emphasis will be placed on various social and cultural factors that helped foster these new popular music styles.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **MUH-221 History of Women in Music**

Credits:

4.00

Description:

The history of music from the Middle Ages to the present presented in the lives and music of women composers, performers, and writers. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **MUH-223 World Music**

Credits:

4.00

Description:

Selected topics in the folk and traditional music of Africa, the Near East, the Far East, and the Pacific, examined in the context of their cultures and their roles in the life of the indigenous peoples of those areas. Assigned readings, critical listening, class discussion, and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **MUH-227 Jazz**

Credits:

4.00

Description:

Evolution of jazz from blues and ragtime through Dixieland and the avant-garde experiments of today. Contributions of major soloists, arrangers and composers. Listening, reading and concert attendance.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **MUH-233 The Blues**

Credits:

4.00

Description:

Selected topics dealing with the blues from its origins in various Southern regions of the U.S., through its post-war urban relocation, up to modern interpretations in rock, rap, pop, and hip-hop today. Blues music, both technically and culturally, will be considered from the artist's perspective as a form of African-American expression and American/African-American oral history, as well as a unique indigenous form of American music. Influences of European, African, Country and Jazz styles will be examined, as well as the themes of race and alienation, and similar socio-cultural influences that have shaped and defined the music over time.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

- **MUH-331 Music in Film**

Credits:

4.00

Description:

This class studies the history and development of film music through reading, lecture and class listening. We investigate the process of film scoring, and how music and its relationship to film have changed over the last century. The class includes discussion and evaluation of different compositional styles and practices to listening critically to film scores while viewing movies.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• **MUH-510 Independent Study**

Prerequisites:

Instructor's Consent.

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

Type:

Humanities & History, Humanities Literature Requirement

• **MUH-510 Independent Study**

Credits:

1.00- 4.00

Description:

Substantive reading/research in area of special interest directed by a faculty member.

2013-2014 Archived Catalog Information

Philosophy

A major in philosophy provides students with new ways of seeing the world and its possibilities. The philosophy program at Suffolk 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, as well, to pursue careers in community and public service, in theology, in college and secondary teaching, in health services and medical ethics, in business and business management, in writing, and in 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 Track](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Philosophy Courses](#)

Requirements for a major in philosophy are satisfied by successfully completing 36 credits of coursework in philosophy (ordinarily, 9 courses).

All majors in philosophy, Bachelors of Arts as well as Bachelors of Science, with the exception of those in the applied ethics track, are required to take the following core courses (6 courses, 24 credits):

- **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

Type:

OR

- **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 Reasoning

and

- **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

OR

- **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

or

- **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

and

- **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:

Humanities & History, Humanities Literature Requirement

• PHIL-211 History of Modern Philosophy

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

Type:

Humanities & History, Humanities Literature Requirement

• PHIL-515 Senior Symposium

Prerequisites:

Prerequisite: PHIL 210 and 211 and consent of instructor.

Credits:

4.00

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

One course at the 400-level

In addition, students are required to take three additional courses selected with the help of an advisor. At least one of these additional courses should be at a 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.

2013-2014 Archived Catalog Information

Philosophy

A major in philosophy provides students with new ways of seeing the world and its possibilities. The philosophy program at Suffolk 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, as well, to pursue careers in community and public service, in theology, in college and secondary teaching, in health services and medical ethics, in business and business management, in writing, and in 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 Track](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Philosophy Courses](#)

9 Courses, 36 Credits

The philosophy department at Suffolk University offers a major in applied ethics, either BS or BA. This track is intended to train students to think systematically and critically about the social, moral, and political intricacies of public policy. Areas of study include business ethics, environmental ethics, medical and bioethics, the philosophy of law, the philosophy of race and gender, moral questions in the conduct of war, democracy and the war on terrorism, and others.

In addition to a rigorous training in the history of ethics and social thought, students who choose this track will be required to take two applied ethics classes and complete an internship or residency. Possible internship sites include hospital ethics boards, the MA ethics commission, non-profits promoting equal access to housing and education, and many more placements. The internship requirement is meant to help students integrate their theoretical studies with real world experience, and will be closely supervised by the department's faculty.

Graduates of the applied ethics program will be especially well prepared for careers in government, public policy, and non-profit organizations. They will also be in an excellent position to apply to law school, and to graduate programs in the humanities and social sciences.

Requirements for the applied ethics track supercede all other requirements for the major:

- **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

Type:

Humanities & History, Humanities Literature Requirement

• **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 Reasoning

• **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:

Humanities & History, Humanities Literature Requirement

- **PHIL-211 History of Modern Philosophy**

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

Type:

Humanities & History, Humanities Literature Requirement

Two courses in applied ethics, at least one of which must be 200-level or higher:

- **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-362 Environmental Ethics**

Prerequisites:

Prerequisite: PHIL 119, or 123, or 127.

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. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every third year.

Term:

Occasional

• PHIL-364 Business Ethics

Prerequisites:

Prerequisite: Phil 119, or 123, or 127

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-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

Type:

Cultural Diversity Opt A

- **PHIL-319 Topics in Applied Ethics**

Prerequisites:

PHIL 119, or 123 or 127

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

Type:

Cultural Diversity Opt B

One course in political or legal thought:

- **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:

Humanities & History, Humanities Literature Requirement

- **PHIL-253 The Philosophy of America**

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. Other works, primary and secondary, that help to illuminate these documents and their philosophical significance will also be read. The course may 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. In addition to the founding documents, authors and texts may include: Locke, The Federalist Papers, Jefferson, Adams, Madison, Washington, de Tocqueville, Emerson, Douglass, Lincoln, Stanton, Thoreau, James, and Dewey, as well as contemporary authors. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **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

One Internship:

- **PHIL-513 Internship in Applied Ethics**

Prerequisites:

Prerequisite: PHIL 119 or 123 or 127 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

Type:

Expanded Classroom Requirement

- **PHIL-515 Senior Symposium**

Prerequisites:

Prerequisite: PHIL 210 and 211 and consent of instructor.

Credits:

4.00

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

2013-2014 Archived Catalog Information

Philosophy

A major in philosophy provides students with new ways of seeing the world and its possibilities. The philosophy program at Suffolk 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, as well, to pursue careers in community and public service, in theology, in college and secondary teaching, in health services and medical ethics, in business and business management, in writing, and in 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 Track](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Philosophy Courses](#)

Twenty credits (five courses) in philosophy are required of students who elect a minor in Philosophy. These must include PHIL 119 (Ethics) or 123 (Social Ethics) or 127 (Contemporary Moral Issues); either 210 (History of Ancient and Medieval Philosophy) or 211 (History of Modern Philosophy); and three additional courses, two of which should be at a 200-level or higher.

2013-2014 Archived Catalog Information

Philosophy

A major in philosophy provides students with new ways of seeing the world and its possibilities. The philosophy program at Suffolk 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, as well, to pursue careers in community and public service, in theology, in college and secondary teaching, in health services and medical ethics, in business and business management, in writing, and in 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 Track](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Philosophy Courses](#)

In order to be eligible for honors in philosophy a student 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.

2013-2014 Archived Catalog Information

Philosophy

A major in philosophy provides students with new ways of seeing the world and its possibilities. The philosophy program at Suffolk 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, as well, to pursue careers in community and public service, in theology, in college and secondary teaching, in health services and medical ethics, in business and business management, in writing, and in 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 Track](#)
- [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.

2013-2014 Archived Catalog Information

Philosophy

A major in philosophy provides students with new ways of seeing the world and its possibilities. The philosophy program at Suffolk 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, as well, to pursue careers in community and public service, in theology, in college and secondary teaching, in health services and medical ethics, in business and business management, in writing, and in 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 Track](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Philosophy Courses](#)

Course descriptions may be updated periodically to reflect since the last published catalog.

- **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

Type:

Humanities & History, Humanities Literature Requirement

- **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

Type:

Humanities & History, Humanities Literature Requirement

- **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-E119 Service Learning Component**

Credits:

0.00

Description:

Service Learning Component

- **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

- **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**

Credits:

0.00

Description:

Service Learning Component

Type:

Expanded Classroom Requirement

- **PHIL-H123 Honors 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. Prerequisite: Philosophy majors, minors, or honor students only. 1 term -4 credits.

Term:

Occasional

- **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**

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

- **PHIL-E127 Service Learning Component**

Credits:

0.00

Description:

Type:

Expanded Classroom Requirement

- **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:

Humanities & History, Humanities Literature Requirement

- **PHIL-211 History of Modern Philosophy**

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

Type:

Humanities & History, Humanities Literature Requirement

- **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 Reasoning

• **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.

Type:

Humanities & History, Humanities Literature Requirement

• **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

Type:

- **PHIL-231 Skepticism**

Credits:

4.00

Description:

Skepticism is an ancient philosophy with an influence that persists to this day. Versions of skepticism raise questions about our ability to know anything certain about ourselves, others, or the external world. This course will examine strands of the skeptical tradition, as well as some responses to it. Possible authors may include: Plato, Sextus Empiricus, Montaigne, Descartes, Hume, Moore, and Wittgenstein. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

- **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-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:

Humanities & History, Humanities Literature Requirement

• **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

Type:

Cultural Diversity Opt A

• **PHIL-253 The Philosophy of America**

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. Other works, primary and secondary, that help to illuminate these documents and their philosophical significance will also be read. The course may 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. In addition to the founding documents, authors and texts may include: Locke, The Federalist Papers, Jefferson, Adams, Madison, Washington, de Tocqueville, Emerson, Douglass, Lincoln, Stanton, Thoreau, James, and Dewey, as well as contemporary authors. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- **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

Type:

Humanities & History, Humanities Literature Requirement

- **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:

Cultural Diversity Opt B, Cultural Diversity BFA, Humanities & History, Humanities Literature Requireme

- **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:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Expanded Classroom Requirement

• **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

Type:

Cultural Diversity Opt A

• **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

Type:

Cultural Diversity BFA,Cultural Diversity Opt A

- **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

Type:

Cultural Diversity Opt B

- **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-310 Topics in the Philosophy of Religion**

Prerequisites:

Prerequisite: One course in Philosophy or consent of instructor.

Credits:

4.00

Description:

This course provides an opportunity to explore in depth a specific topic in the philosophy of religion. Subjects vary from specific authors or religious figures to particular issues in the philosophy of religion or to comparisons between Western and Eastern traditions. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

• **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-317 Independent Research

Prerequisites:

Prerequisite: Consent of instructor.

Credits:

1.00- 4.00

Description:

This course focuses on philosophical research and writing. It is designed as an independent research course to allow students the opportunity to focus on a topic of their choice and develop critical skills in writing and research methods. Students will be required to produce a research paper of a length commensurate with the number of credits in the course, complete with abstract, thesis, outline, bibliography, and primary and secondary sources. Students will be expected to follow MLA guidelines. Prerequisite: Consent of instructor. 1 term -1-4 credits (variable). Normally offered on an as-needed basis.

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, or 123 or 127

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

Type:

Cultural Diversity Opt B

- **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

Type:

Cultural Diversity Opt B

- **PHIL-362 Environmental Ethics**

Prerequisites:

Prerequisite: PHIL 119, or 123, or 127.

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. Prerequisite: PHIL 119, or 123, or 127. 1 term -4 credits. Normally offered every third year.

Term:

Occasional

• **PHIL-364 Business Ethics**

Prerequisites:

Prerequisite: Phil 119, or 123, or 127

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 History of Ethics and Political Philosophy 1: Ancient and Medieval**

Prerequisites:

Prerequisite: Consent of instructor.

Credits:

4.00

Description:

A survey of major works and themes of moral and political philosophy from ancient Greece to the late medieval period. 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. Prerequisite: Consent of instructor. 1 term -4 credits. Normally offered every year in the fall.

Term:

Offered Fall Term

- **PHIL-402 History of Ethics & Political Philosophy II**

Prerequisites:

Prerequisite: Consent of instructor.

Credits:

4.00

Description:

A continuation of PHIL 401, covering the early modern era to the dawn of the 20th century. Authors may include Machiavelli, Hobbes, Locke, Rousseau, Kant, Hegel, Mill, Marx, and Nietzsche, among others. Prerequisite: Consent of instructor. 1 term -4 credits. Normally offered every year in the spring.

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-415 Aristotle: Profiles in Philosophy**

Prerequisites:

Prerequisite: PHIL 210 or consent of instructor.

Credits:

4.00

Description:

This course is an in-depth investigation into Aristotle's writings, teachings, and central doctrines. Readings include a range of Aristotle's work and treatises. Topics and texts may vary depending on the theme of exploration. Possible combinations of texts may include his works on Logic, Natural Philosophy, Metaphysics, Poetics, Politics or Ethics, among others. Students will be expected to critically examine textual readings. Classes will be conducted by means of lecture, class discussion, and primary text in translation. Prerequisite: PHIL 210 or consent of instructor. 1 term - 4 credits. Normally offered every third year.

Term:

Occasional

- **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.

- **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-425 The Shield of Achilles: War and Peace From Troy to Sarajevo**

Prerequisites:

Take PHIL-119, PHIL-123, or PHIL-127; or Instructor's consent

Credits:

4.00

Description:

This course, co taught by Fred Marchant (English) and Nir Eisikovits (Philosophy) examines how literature, film, and other forms of cultural expression have made sense (or not) of war. Organized in an approximate chronological order, the works examined will be responses to ancient conflicts as well as to the wars of the last century (including the two World Wars, post-colonial struggles, and the contemporary war on terror.) Our goal in this endeavor will be broad cultural understanding of how we imagine, remember, forget, memorialize, and question the warfare of recent times.

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:

Prerequisite: PHIL 119 or 123 or 127 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

Type:

Expanded Classroom Requirement

- **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:

4.00

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:

Expanded Classroom Requirement

- **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:

Cultural Diversity Opt B, 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.

2013-2014 Archived Catalog Information

Physics

The Department of Physics offers majors and minors in physics, as well as an astrophysics concentration. Our students receive a thorough foundation in fundamental and applied physics - both theoretical and experimental - allowing them to develop the necessary skills for critical thinking, problem solving and scientific communication. Students of physics also learn about the role of physics in society, professional ethics, and the wide range of career options available to a major in physics. Graduates of our program are able to function well in graduate school, in private companies, and government organizations.

Radiation Science

A major in radiation science is available which is a joint collaboration between the Department of Physics and Massachusetts General Hospital's Department of Radiation Oncology. The core requirements, suggested course sequences, and course descriptions are shown in the radiation science section of this catalog.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Astrophysics Concentration](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Physics Courses](#)

The physics department offers several programs leading to a BS:

- Physics
- Physics, with a concentration in astrophysics
- Radiation Science

In addition, the department offers post-baccalaureate certificates in Radiation Therapy and Medical Dosimetry.

There are several categories of requirements: (1) general requirements for all undergraduates in the College of Arts and Sciences, (2) core requirements of the major, (3) complementary requirements selected by the physics department, and (4) free electives.

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. A minimum of 16 hours of the core requirements must be taken at Suffolk University.

Core Requirements (13 courses, 50 credits)

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **PHYS-153 University Physics III**

Prerequisites:

Take MATH-121 or MATH-165;

Credits:

4.00

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

• 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**

Prerequisites:

PHYS-362

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

- **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

• PHYS-333 Math Methods of Physics

Prerequisites:

Take ECE-225 and ECE-L225;

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-461 Quantum Mechanics I

Prerequisites:

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 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:

PHYS 461, 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-L455 Advanced Laboratory**

Prerequisites:

PHYS 451 and PHYS 452 or equivalent.

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-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

Math and Basic Science Requirements (10 courses, 40 credits)

- **CHEM-111 General Chemistry**

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. Topics include introductions to atomic structure, stoichiometry, periodic table, gas laws, nature of chemical bonds, and thermochemistry. 3 lecture hours. Normally offered Fall/Summer I. This course is recommended for science and engineering majors or those considering careers in the health sciences. Students seeking to satisfy the core science requirement may wish to consider enrolling in CHEM 101/L101.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **CHEM-L111 General Chemistry Lab**

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Exploration of basic principles of chemistry through laboratory investigation, including recognition of the major reaction types, stoichiometry, and qualitative analysis. Additionally, students will be introduced to good laboratory practices and experimental techniques. 4-hour laboratory. Normally offered Fall/Summer I.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-112 General Chemistry

Prerequisites:

CHEM 111/L111; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

Continuation of the discussion of the fundamental principles of chemistry. Topics include introductions to solutions, kinetics, equilibrium, acid-base systems, thermodynamics and electrochemistry. Prerequisite: Satisfactory completion of CHEM 111 and CHEM L111. 3 hours of lecture 1 term - 3 credits. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry Lab

Prerequisites:

CHEM 112 must be taken concurrently; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3;

Credits:

1.00

Description:

Laboratory investigation in discovery format of topics from CHEM 112, including introduction to instrumental analysis and acid-base chemistry. Quantitative analysis, particularly volumetric analysis, is emphasized. 4-hour laboratory. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

- **MATH-165 Calculus I**

Prerequisites:

Math Placement score or MATH 121 with a grade of C or better

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 165 with grade of C or better

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.

• **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-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

- **ENS-L202 Technical Communication**

Prerequisites:

ENG-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-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.

2013-2014 Archived Catalog Information

Physics

The Department of Physics offers majors and minors in physics, as well as an astrophysics concentration. Our students receive a thorough foundation in fundamental and applied physics - both theoretical and experimental - allowing them to develop the necessary skills for critical thinking, problem solving and scientific communication. Students of physics also learn about the role of physics in society, professional ethics, and the wide range of career options available to a major in physics. Graduates of our program are able to function well in graduate school, in private companies, and government organizations.

Radiation Science

A major in radiation science is available which is a joint collaboration between the Department of Physics and Massachusetts General Hospital's Department of Radiation Oncology. The core requirements, suggested course sequences, and course descriptions are shown in the radiation science section of this catalog.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Astrophysics Concentration](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Physics Courses](#)

Students may choose a concentration in astrophysics, a program which requires the courses shown below and a trip to Suffolk's Madrid campus. In particular, the student must plan to spend Summer Session II following their junior year and the fall semester of the senior 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 data taken there will form the basis of the senior project.

Bachelor of Science in Physics - Astrophysics Concentration

Suggested Course Sequence

Freshman Year (8 courses, 32 credits)

English I, II

[Seminar for Freshmen](#)

Calculus I, II

University Physics I, II, and Lab

Computer Science Option

Sophomore Year (7 courses, 28 credits)

General Chemistry I, II, and Labs

Multivariable Calculus

Literature Requirement

Linear Systems and Lab

Statistics for Eng and Sci and Lab

Introduction to Astrophysics

Junior Year (7 courses, 28 credits)

Classical Mechanics I, II

Math Methods of Physics

Modern Physics

Quantum Mechanics I, II

Social Science Requirement

Summer II - Madrid (3 courses, 10 credits)

Planetary Systems

Stellar Astrophysics

Observational Astronomy (2 credits)

Senior Year - Fall Semester in Madrid (4 courses, 16 credits)

Galactic Astrophysics

Computational Astrophysics

Ethics/Philosophy Requirement

Humanities/History Requirement*

Senior Year - Spring Semester in Boston (3 courses, 12 credits)

Humanities/History Requirement*

Astrophysics Senior Project

Scientific Communication

*The University Cultural Diversity requirement consists of eight credits to be selected from an approved course list. Some of these may be counted toward the Humanities/History and/or Social Science requirement. Consultation with the academic advisor is important.

2013-2014 Archived Catalog Information

Physics

The Department of Physics offers majors and minors in physics, as well as an astrophysics concentration. Our students receive a thorough foundation in fundamental and applied physics - both theoretical and experimental - allowing them to develop the necessary skills for critical thinking, problem solving and scientific communication. Students of physics also learn about the role of physics in society, professional ethics, and the wide range of career options available to a major in physics. Graduates of our program are able to function well in graduate school, in private companies, and government organizations.

Radiation Science

A major in radiation science is available which is a joint collaboration between the Department of Physics and Massachusetts General Hospital's Department of Radiation Oncology. The core requirements, suggested course sequences, and course descriptions are shown in the radiation science section of this catalog.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Astrophysics Concentration](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Physics Courses](#)

Suggested Course Sequence for the BS in Physics

Freshman Year (8 courses, 32 credits)

English I, II

[Seminar for Freshmen](#)

Calculus I, II

University Physics I, II, and Lab

Ethical and Philosophical Inquiry

Sophomore Year (8 courses, 32 credits)

General Chemistry I, II, and Lab

Multivariable Calculus

University Physics III

Literature Requirement

Linear Systems and Lab

Programming for Engineers and Lab

Social Science Requirement*

Junior Year (8 courses, 32 credits)

Classical Mechanics I, II

Digital Electronics with lab

Humanities/History Requirement*

Math Methods for Physics

Modern Physics

Statistics for Eng & Sci and Lab

Physics Elective

Senior Year (8 courses, 30 credits)

Scientific Communication

Quantum Mechanics I, II

Electricity and Magnetism

Advanced Lab (2 credits)

Senior Project

Humanities/History Requirement

Elective

*The University Cultural Diversity requirement consists of eight credits to be selected from an approved course list. Some of these may be counted toward the Humanities/History and/or Social Science requirement. Consultation with the academic advisor is important.

2013-2014 Archived Catalog Information

Physics

The Department of Physics offers majors and minors in physics, as well as an astrophysics concentration. Our students receive a thorough foundation in fundamental and applied physics - both theoretical and experimental - allowing them to develop the necessary skills for critical thinking, problem solving and scientific communication. Students of physics also learn about the role of physics in society, professional ethics, and the wide range of career options available to a major in physics. Graduates of our program are able to function well in graduate school, in private companies, and government organizations.

Radiation Science

A major in radiation science is available which is a joint collaboration between the Department of Physics and Massachusetts General Hospital's Department of Radiation Oncology. The core requirements, suggested course sequences, and course descriptions are shown in the radiation science section of this catalog.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Astrophysics Concentration](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Physics Courses](#)

Students may elect a minor program in physics by completing a total of 5 courses and their labs (20 credits) in the department. The suggested course sequence is as follows:

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• PHYS-153 University Physics III

Prerequisites:

Take MATH-121 or MATH-165;

Credits:

4.00

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

• 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-461 Quantum Mechanics OR PHYS-477 Electricity and Magnetism

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.

2013-2014 Archived Catalog Information

Physics

The Department of Physics offers majors and minors in physics, as well as an astrophysics concentration. Our students receive a thorough foundation in fundamental and applied physics - both theoretical and experimental - allowing them to develop the necessary skills for critical thinking, problem solving and scientific communication. Students of physics also learn about the role of physics in society, professional ethics, and the wide range of career options available to a major in physics. Graduates of our program are able to function well in graduate school, in private companies, and government organizations.

Radiation Science

A major in radiation science is available which is a joint collaboration between the Department of Physics and Massachusetts General Hospital's Department of Radiation Oncology. The core requirements, suggested course sequences, and course descriptions are shown in the radiation science section of this catalog.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Astrophysics Concentration](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Physics Courses](#)

Honors Program

The honors program is designed to challenge the most academically capable students. It will also automatically provide these students with additional preparation for standardized examinations required for graduate school and board certification.

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 required 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.

2013-2014

2013-2014

2013-

2013-2014 Archived Catalog Information

Physics

The Department of Physics offers majors and minors in physics, as well as an astrophysics concentration. Our students receive a thorough foundation in fundamental and applied physics - both theoretical and experimental - allowing them to develop the necessary skills for critical thinking, problem solving and scientific communication. Students of physics also learn about the role of physics in society, professional ethics, and the wide range of career options available to a major in physics. Graduates of our program are able to function well in graduate school, in private companies, and government organizations.

Radiation Science

A major in radiation science is available which is a joint collaboration between the Department of Physics and Massachusetts General Hospital's Department of Radiation Oncology. The core requirements, suggested course sequences, and course descriptions are shown in the radiation science section of this catalog.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Astrophysics Concentration](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Physics Courses](#)

Sigma Pi Sigma

The Suffolk University Chapter of the National Society of Physics Students and criteria for Sigma Pi Sigma, were 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.

2013-2014 Archived Catalog Information

Physics

The Department of Physics offers majors and minors in physics, as well as an astrophysics concentration. Our students receive a thorough foundation in fundamental and applied physics - both theoretical and experimental - allowing them to develop the necessary skills for critical thinking, problem solving and scientific communication. Students of physics also learn about the role of physics in society, professional ethics, and the wide range of career options available to a major in physics. Graduates of our program are able to function well in graduate school, in private companies, and government organizations.

Radiation Science

A major in radiation science is available which is a joint collaboration between the Department of Physics and Massachusetts General Hospital's Department of Radiation Oncology. The core requirements, suggested course sequences, and course descriptions are shown in the radiation science section of this catalog.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Astrophysics Concentration](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Honors](#)
- [Societies](#)
- [Physics Courses](#)

- **MS-101 Principles of Cancer Management**

Prerequisites:

Radiation Biology major only or permission of instructor.

Credits:

4.00

Description:

This course will introduce the students to the twelve major cancers. Topics to be covered for each cancer include etiology, epidemiology, detection, diagnosis, and prevention as well as the psychosocial aspects of being diagnosed with cancer. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy and immunotherapy, bone marrow transplants, and the use of clinical trials. The goals and objectives of the course will be met through the use of various teaching tools including but

not limited to: models, videos, guest lectures, radiation therapy departmental tour, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through quizzes, exams and an oral presentation.

Term:

Offered Fall Term

- **MS-111 Introduction to Medical Dosimetry**

Credits:

4.00

Description:

This course will serve as a detailed introduction to the medical dosimetry profession and how it fits into the Radiation Oncology department framework. The professional relationships, responsibilities and qualifications of the medical dosimetrist and other staff will be examined. The scope of practice and code of ethics from the American Association of Medical Dosimetrists (AAMD) will be discussed in detail as well as the role of other professional organizations. The policies and procedures governing the medical dosimetry program in relation to the standards set by the Joint Review Committee on Education in Radiologic Technology (JRCERT) will also be reviewed. Other topics to be covered in order to prepare students for entry into their clinical rotations will include radiation safety, patient rights, privacy laws, infection control and an overview of department workflow starting from diagnosis through treatment and beyond. Finally, students will receive detailed instruction on basic hand calculations as these will form the basis of the start of their clinical rotations in the following semester.

Term:

Offered Fall Term

- **MS-200 Introduction to Medical Sciences**

Prerequisites:

Acceptance into the clinical track or post-bac program.

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

- **MS-299 Intro to Clinical Radiation**

Prerequisites:

MS 101; Acceptance into clinical track or post-bac program

Credits:

4.00

Description:

This course will combine hands-on laboratory exercises, case studies, detailed lectures and discussions to introduce the student to radiation therapy. Topics to be covered include: history of x-rays, x-ray production, professional societies, departmental staff and structure, proper body mechanics, infection control, basic nursing/patient care and emergency procedures, patient communication, medical chart interpretation, linear accelerator operation, radiation safety, basic radiation therapy treatment techniques, basic medical terminology, and death and dying.

Term:

Offered Fall Term

- **MS-301 Clinical Radiation I**

Prerequisites:

BIO 204 and MS 200

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

- **MS-L301 Clinical Radiation Lab I**

Prerequisites:

MS 301 concurrently

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

- **MS-302 Clinical Radiation II**

Prerequisites:

MS 301

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

- **MS-L302 Clinical Radiation II Lab**

Prerequisites:

Students must take MS 302 concurrently

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

• MS-303 Clinical Radiation III

Prerequisites:

MS 302

Credits:

3.00

Description:

For the senior radiation therapy student, through a systems-based approach, this course will emphasize advanced radiation treatment techniques, including patient simulation, immobilization, contouring, and beam modification. The course will also cover radiation therapy quality assurance, medical law, and medical ethics.

Term:

Offered Spring Term

• MS-L303 Clinical Radiation III Lab

Prerequisites:

MS 303 concurrent

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

• MS-L304 Clinical Practicum for Radiation Therapy

Prerequisites:

Take MS-301 MS-L301;

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

Type:

Expanded Classroom Requirement

• MS-310 Clinical Practicum I

Prerequisites:

MS 301 and MS L301

Credits:

1.00

Description:

Student radiation therapists and student dosimetrists will spend fourteen 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 and certified medical dosimetrists, the student will be guided toward the application of theory in the real world of cancer treatment and planning.

Term:

Summer

Type:

Expanded Classroom Requirement

• MS-L311 Clinical Dosimetry Rotation I

Prerequisites:

MS-L111 and take MS-301 concurrently

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

- **MS-L312 Clinical Dosimetry Rotation II**

Prerequisites:

Take MS-L311 and MS-302 concurrently

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

- **MS-L313 Clinical Dosimetry Rotation III**

Prerequisites:

MS-L312 and MS-303 concurrently

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

- **MS-L314 Clinical Practicum for Dosimetry**

Prerequisites:

Take MS-301 and MS-L311;

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

Type:

Expanded Classroom Requirement

• MS-315 Radiation Physics I

Prerequisites:

PHYS 112, BIO 111, and MATH 134 or higher AND MS L315 CONCURRENTLY

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

• MS-L315 Radiation Science Lab

Prerequisites:

MS 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

Type:

Expanded Classroom Requirement

- **MS-317 Radiation Physics II**

Prerequisites:

MS 315

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

- **MS-415 Clinical Dosimetry**

Prerequisites:

MS 315;MSL415 concurrently

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

- **MS-L415 Clinical Dosimetry Lab**

Prerequisites:

MS 315, MS L315, MS 415 concurrently

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

- **MS-416 Radiation Biology**

Prerequisites:

Take BIO 403, MS 315 and MS L315.

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

- **MS-417 Clinical Dosimetry II**

Prerequisites:

MS 415

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

• MS-420 Oncology and Pathology

Prerequisites:

BIO 204, MS 302 must be taken concurrently

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

• MS-422 Radiology for Radiation Therapy

Prerequisites:

BIO 204 & BIO L204: may also be taken concurrently

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

• MS-430 Senior Seminar

Prerequisites:

Available to Senior students in the Medical Science's Radiation Therapy Clinical Track.

Credits:

2.00

Description:

This course will be available to senior students enrolled in the Radiation Therapy Clinical Track. This seminar style course will serve three purposes; one will be to assist the senior students with the completion of the more advanced ARRT clinical competency requirements including, but not limited to, CSI, Mantle, and Paraaortic fields. This portion of the seminar will be conducted in a laboratory setting using our Phantom Patient. It's second purpose will be to prepare our graduating students for the ARRT's National Registry Exam. Exam preparation will include the use of lectures, student teaching, online teaching tools, mini mock registry exams and a full-length mock registry exam. Lastly, the seminar will assist the students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

Term:

Offered Spring Term

• MS-435 Brachytherapy

Prerequisites:

MS-417;

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

• MS-450 Dosimetry Systems and Networking

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

• MS-455 Advanced Radiation Treatment Techniques

Prerequisites:

MS 302 & RT Clinical Student

Credits:

1.00

Description:

For the senior radiation therapy student, this course will emphasize advanced radiation treatment techniques, including patient simulation, immobilization, contouring, beam modification, as well as special procedures.

• MS-465 Senior Seminar for Medical Sciences

Prerequisites:

Senior status

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.

- **MS-510 Independent Study**

Prerequisites:

Seniors Only; permission of program director

Credits:

1.00- 7.00

Description:

Under special circumstances, seniors may be allowed to pursue studies in areas of particular interest to them. By special arrangement, members of the Medical Sciences Committee will schedule discussion sessions, assign projects and provide guidance and feedback. A paper & oral presentation are required.

Term:

Offered Both Fall and Spring

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **PHYS-112 College Physics II**

Prerequisites:

PHYS 111 and 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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• PHYS-153 University Physics III

Prerequisites:

Take MATH-121 or MATH-165;

Credits:

4.00

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

• 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-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-301 Clinical Radiation I**

Prerequisites:

BIO 204 and MS 200

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:

MS 301 concurrently

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:

MS 303 concurrent

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 MS-301 MS-L301;

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

Type:

Expanded Classroom Requirement

- **PHYS-L311 Medical Dosimetry Rotation I**

Prerequisites:

MS-L111 and take MS-301 concurrently

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:

MS-L312 and MS-303 concurrently

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 Practicum for Dosimetry**

Prerequisites:

Take MS-301 and MS-L311;

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

Type:

Expanded Classroom Requirement

• **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

Type:

Expanded Classroom Requirement

- **PHYS-317 Radiation Physics II**

Prerequisites:

MS 315

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:

Take ECE-225 and ECE-L225;

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-367 Observational Astronomy

Prerequisites:

Prerequisite: PHYS 361-362

Credits:

2.00

Description:

Astrophysical instrumentation. Astronomical observations. Reduction techniques.

Term:

Summer

• 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:

MS 315;MSL415 concurrently

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:

MS 315, MS L315, MS 415 concurrently

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:

Take BIO 403, MS 315 and MS L315.

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-431 Astrophysics Senior Project**

Credits:

4.00

Description:

The senior project is the capstone research experience of the undergraduate Astrophysics 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 use of mathematical and programming skills.

Term:

Offered Spring 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**

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-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 and PHYS 452 or equivalent.

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-456 Advanced Radiation Treatment Techniques

Prerequisites:

MS 302 & RT Clinical Student

Credits:

1.00

Description:

For the senior radiation therapy student, this course will emphasize advanced radiation treatment techniques, including patient simulation, immobilization, contouring, beam modification, as well as special procedures.

• PHYS-461 Quantum Mechanics I

Prerequisites:

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 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:

PHYS 461, 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 451-452, PHYS 461-462 1 term - 4 credits

Credits:

4.00

Description:

Physics of stars. Stellar atmospheres. Stellar interiors. Stellar evolution.

Term:

Summer

- **PHYS-465 Galactic Astrophysics**

Prerequisites:

Prerequisite: PHYS 463

Credits:

4.00

Description:

The Milky Way. Galactic astronomy. Galactic Dynamics.

Term:

Offered Fall Term

- **PHYS-467 Computational Astrophysics**

Prerequisites:

Prerequisite: Computer Science Option, PHYS 463, PHYS 465

Credits:

4.00

Description:

Computers in astronomy. Astrophysical simulations. Multiple timescale numerical problems. Supercomputing.

Term:

Offered Fall Term

• **PHYS-475 Senior Seminar for RT & MD**

Prerequisites:

Senior status

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

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**

Prerequisites:

PHYS-362

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-510 Independent Study**

Credits:

4.00

Description:

Directed reading, lectures, seminar and research in selected areas of special interest.

Term:

Occasional

- **SCI-101 Intro to Physical Science I**

Prerequisites:

One course of MATH 104,121,130,134, or 165; SCI L101 taken concurrently

Credits:

3.00

Description:

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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **SCI-L101 Physical Science Lab I**

Prerequisites:

SCI 101 concurrently

Credits:

1.00

Description:

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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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 OR MATH 165. SCI 1102
Must be taken concurrently

Credits:

3.00

Description:

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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-L102 Physical Science Lab II**

Prerequisites:

SCI 102 concurrently

Credits:

1.00

Description:

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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-L105 Composite Science Lab**

Prerequisites:

Permission of the department, transfer student status- 2 credits

Credits:

2.00

Description:

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:

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:

NATURAL SCIENCE FOR BA BFA & BSJ

• **SCI-111 Astronomy I**

Prerequisites:

MATH 104 OR MATH 121 OR MATH 130 OR MATH 134 OR MATH 165. 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. For non-science majors.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-L111 Astronomy Lab I**

Prerequisites:

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.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-112 Astronomy II**

Prerequisites:

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. For non-science majors.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-L112 Astronomy Lab II**

Prerequisites:

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.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

- **SCI-161 Physical Science**

Prerequisites:

One course from MATH 104 OR MATH 121 OR MATH 130 OR MATH 134 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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

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

Credits:

4.00

Description:

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:

NATURAL SCIENCE FOR BA BFA & BSJ

• **SCI-183 Contemporary Science and Innovation**

Prerequisites:

Concurrently with SCI L183

Credits:

3.00

Description:

This is a laboratory based 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:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

• **SCI-L183 Contemporary Science and Innovation Lab**

Prerequisites:

Concurrently with SCI-183

Credits:

1.00

Description:

This laboratory illustrates concepts and methods taught in SCI 183.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

2013-2014 Archived Catalog Information

Psychology

The psychology major at Suffolk may be taken as either a BA or BS. The ten psychology courses required for the major are of five types: (1) core requirements (3 courses); (2) distribution requirements (3 courses, one from each bases group); (3) specialization courses (2 courses); (4) an applied requirement (one course); and (5) the senior capstone course, PSYCH-408. 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). Students must complete at least 16 credits (4 courses) in residence at Suffolk University.

A minor in psychology is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Additional Requirements](#)
- [Research Options](#)
- [Societies](#)
- [Psychology Courses](#)

The requirements for the psychology major are described below. 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). Five-hundred 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. A minimum of 40 credits (ten courses) are required for the major.

Core Requirements

- **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:

Social Science

- **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 Reasoning

- **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

Type:

Social Science

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 sequences, Behavioral Statistics and Research Methods and Design, should be completed by the end of the sophomore year.

Distribution Requirements

Students select at least three distribution courses to count toward the major, with at least one 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 and 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

Type:

Social Science

- **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

Type:

Social Science

- **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

Type:

Social Science

- **PSYCH-341 Sociocultural Perspectives**

Prerequisites:

PSYCH 114

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

Type:

Cultural Diversity Opt A, Social Science

- **PSYCH-345 Teambuilding in Global and Diverse Workplaces**

Prerequisites:

PSYCH 114 and sophomore standing

Credits:

4.00

Description:

Examines effective approaches to building and maintaining successful teams in today's global and diverse workplace. Relevant theories and research concerning the cultural, organizational and individual factors that impact the structure, function and interpersonal dynamics of teams across settings are discussed. Topics include team characteristics, communication, leadership style, emotional and social intelligence, conflict and negotiation strategies, and challenges of working with multicultural, diverse and global team members and effectiveness of virtual teams. Students will explore essential components of functional versus dysfunctional teams, role of individual and cultural diversity, interpersonal relationship dynamics, globalization, and effective team work strategies across business, community and social organizational settings. Normally offered alternate years. This course fulfills the Cultural Diversity Requirement.

Term:

Offered Fall Term

Type:

Social Science, Cultural Diversity Opt A

Neurological and Biological Bases

- **PSYCH-311 Sensation & Perception**

Prerequisites:

PSYCH 114, PSYCH 215, PSYCH 216; Sophomore Standing.

Credits:

4.00

Description:

Examines the process of understanding the immediate environment with particular emphasis on the visual system. Topics include: the neurophysiology of the sensory systems; the elements of psychophysics; visual perception (color, depth, motion, illusions); and the process of perceptual inference. Normally offered yearly.

Term:

Offered Spring Term

Type:

Social Science

- **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, 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

Type:

Social Science

- **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

Type:

Social Science

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

Type:

Social Science

- **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

Type:

Social Science

- **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

Type:

Social Science

Specialization Courses

Students may select courses from the following list of Specialization Courses. These courses assume a knowledge base derived from the Core and Distribution requirements; they are recommended for sophomores, juniors and seniors. In these courses students examine empirical research, develop critical thinking skills, and/or prepare for work in applied settings. Each has a required substantive writing component.

- **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

Type:

Social Science

- **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

Type:

Social Science

- **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.

Type:

Cultural Diversity Opt A, Social Science

- **PSYCH-245 Consumer Psychology**

Credits:

4.00

Description:

Investigates the perceptual and motivational bases of consumer decision making in relation to advertising, packaging, brand loyalty, and other marketing considerations. Prior familiarity with psychological principles helpful but not essential. Normally offered alternate years.

Term:

Offered Fall Term

Type:

Social Science

- **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:

Social Science, Asian Studies, Cultural Diversity Opt A

- **PSYCH-314 Learning & Reinforcement**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Considers 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

Type:

Social Science

• **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

Type:

Social Science

• **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

Type:

Social Science

- **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

Type:

Social Science

- **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 topics such as mood and anxiety disorders, thought disorders, personality disorders. Normally offered yearly.

Term:

Offered Both Fall and Spring

Type:

- **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

Type:

Social Science

- **PSYCH-347 Cyberpsychology**

Prerequisites:

PSYCH 114 and Soph standing.

Credits:

4.00

Description:

Examines the role of cybertechnology, such as web Internet use, and its psychosocial correlates across gender, age, and culture. The course focuses on the complex and multidimensional approaches to the study of behavioral informatics. Explores theoretical and empirical research issues concerning the psychological, organizational, and cultural factors that impact online behavior both at home and in the workplace. Use of the Internet/web in mental health service areas will also be addressed. Normally offered alternate years.

Term:

Offered Fall Term

Type:

Expanded Classroom Requirement

Students have two options for completing the applied course requirement. 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.

- **PSYCH-346 Community Psychology**

Prerequisites:

JR Standing; Majors only or instructor's consent; ECR

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:

Social Science, Expanded Classroom Requirement

- **PSYCH-350 Psychology Internship**

Prerequisites:

Junior Standing. Restricted to majors only unless permission of instructor. This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Focuses on interacting with others in a service environment in a professional role. Seminar emphasizes tools for interacting with recipients in a respectful manner, emphasizing strengths and resources of the recipient, and sensitivity to various kinds of diversity in the service setting. Students work in service settings for a minimum of 6-

8 hours per week during the semester, with most of that time in direct contact with service recipients. Internship arrangements must be made before the course begins. Normally offered every semester. This course fulfills the Expanded Classroom Requirement.

Term:

Offered Both Fall and Spring

Type:

Social Science, Expanded Classroom Requirement

Seminar Requirement

The seminar requirement should be completed during the senior year. Prerequisites include completion of departmental Core and Distribution requirements.

- **PSYCH-408 Senior Seminar: History & System**

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

Type:

Social Science

2013-2014 Archived Catalog Information

Psychology

The psychology major at Suffolk may be taken as either a BA or BS. The ten psychology courses required for the major are of five types: (1) core requirements (3 courses); (2) distribution requirements (3 courses, one from each bases group); (3) specialization courses (2 courses); (4) an applied requirement (one course); and (5) the senior capstone course, PSYCH-408. 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). Students must complete at least 16 credits (4 courses) in residence at Suffolk University.

A minor in psychology is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Additional Requirements](#)
- [Research Options](#)
- [Societies](#)
- [Psychology Courses](#)

A minor in psychology includes the completion of 18-20 credit hours as follows:

1. PSYCH 114 General Psychology
2. One course at the 300 level or above
3. Three additional courses at any level

Students must complete at least 8 credits in residence at Suffolk.

2013-2014 Archived Catalog Information

Psychology

The psychology major at Suffolk may be taken as either a BA or BS. The ten psychology courses required for the major are of five types: (1) core requirements (3 courses); (2) distribution requirements (3 courses, one from each bases group); (3) specialization courses (2 courses); (4) an applied requirement (one course); and (5) the senior capstone course, PSYCH-408. 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). Students must complete at least 16 credits (4 courses) in residence at Suffolk University.

A minor in psychology is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Additional Requirements](#)
- [Research Options](#)
- [Societies](#)
- [Psychology Courses](#)

Expanded Classroom Requirement

Students have two options for completing the applied course requirement. 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.

- **PSYCH-346 Community Psychology**

Prerequisites:

JR Standing; Majors only or instructor's consent; ECR

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:

Social Science, Expanded Classroom Requirement

- **PSYCH-350 Psychology Internship**

Prerequisites:

Junior Standing. Restricted to majors only unless permission of instructor. This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Focuses on interacting with others in a service environment in a professional role. Seminar emphasizes tools for interacting with recipients in a respectful manner, emphasizing strengths and resources of the recipient, and sensitivity to various kinds of diversity in the service setting. Students work in service settings for a minimum of 6-8 hours per week during the semester, with most of that time in direct contact with service recipients. Internship arrangements must be made before the course begins. Normally offered every semester. This course fulfills the Expanded Classroom Requirement.

Term:

Offered Both Fall and Spring

Type:

Social Science, Expanded Classroom Requirement

Seminar Requirement

The seminar requirement should be completed during the senior year. Prerequisites include completion of departmental Core and Distribution requirements.

- **PSYCH-408 Senior Seminar: History & System**

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

Type:

Social Science

2013-2014 Archived Catalog Information

Psychology

The psychology major at Suffolk may be taken as either a BA or BS. The ten psychology courses required for the major are of five types: (1) core requirements (3 courses); (2) distribution requirements (3 courses, one from each bases group); (3) specialization courses (2 courses); (4) an applied requirement (one course); and (5) the senior capstone course, PSYCH-408. 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). Students must complete at least 16 credits (4 courses) in residence at Suffolk University.

A minor in psychology is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Additional Requirements](#)
- [Research Options](#)
- [Societies](#)
- [Psychology Courses](#)

The psychology department provides numerous directed research opportunities for students. PSYCH 510, Independent Study in Psychology, may be completed for up to 8 credits (4 credits maximum per semester). In this course, students participate in ongoing research in collaboration with a department faculty member. Students should consult the department website or the Faculty Research Interests brochure (available in the department office) for a full description of ongoing research projects. These research tutorials may involve library research as well as many hands-on elements of research such as data collection, coding, data entry, and data analysis. Each course also includes a substantive written component.

2013-2014 Archived Catalog Information

Psychology

The psychology major at Suffolk may be taken as either a BA or BS. The ten psychology courses required for the major are of five types: (1) core requirements (3 courses); (2) distribution requirements (3 courses, one from each bases group); (3) specialization courses (2 courses); (4) an applied requirement (one course); and (5) the senior capstone course, PSYCH-408. 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). Students must complete at least 16 credits (4 courses) in residence at Suffolk University.

A minor in psychology is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Additional Requirements](#)
- [Research Options](#)
- [Societies](#)
- [Psychology Courses](#)

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. Criteria for membership include:

1. Junior or senior class status
2. Minimum 3.0 grade point average
3. Attainment of at least a 3.4 grade point average in all courses in psychology
4. Completion of at least five courses in psychology at Suffolk

New members are inducted into the Psi Chi National Honor Society at an induction ceremony held in April.

2013-2014 Archived Catalog Information

Psychology

The psychology major at Suffolk may be taken as either a BA or BS. The ten psychology courses required for the major are of five types: (1) core requirements (3 courses); (2) distribution requirements (3 courses, one from each bases group); (3) specialization courses (2 courses); (4) an applied requirement (one course); and (5) the senior capstone course, PSYCH-408. 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). Students must complete at least 16 credits (4 courses) in residence at Suffolk University.

A minor in psychology is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Additional Requirements](#)
- [Research Options](#)
- [Societies](#)
- [Psychology Courses](#)

- **NEUR-101 Intro to Neuroscience**

Credits:

4.00

Description:

Introduces the student to 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, and higher cognitive functions. Normally offered alternate years.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

- **PSYCH-106 Human Sexuality**

Credits:

4.00

Description:

This course number has been changed. Please see PSYCH-222 for the most recent 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.

Type:

Social Science

• 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:

Social Science

• 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 Reasoning

- **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

Type:

Social Science

- **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

Type:

Social Science

- **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

Type:

Social Science

- **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

Type:

Social Science

- **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

Type:

Social Science

- **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

Type:

Social Science

- **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.

Type:

Cultural Diversity Opt A, Social Science

- **PSYCH-245 Consumer Psychology**

Credits:

4.00

Description:

Investigates the perceptual and motivational bases of consumer decision making in relation to advertising, packaging, brand loyalty, and other marketing considerations. Prior familiarity with psychological principles helpful but not essential. Normally offered alternate years.

Term:

Offered Fall Term

Type:

Social Science

- **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:

Social Science, Asian Studies, Cultural Diversity Opt A

- **PSYCH-311 Sensation & Perception**

Prerequisites:

PSYCH 114, PSYCH 215, PSYCH 216; Sophomore Standing.

Credits:

4.00

Description:

Examines the process of understanding the immediate environment with particular emphasis on the visual system. Topics include: the neurophysiology of the sensory systems; the elements of psychophysics; visual perception (color, depth, motion, illusions); and the process of perceptual inference. Normally offered yearly.

Term:

Offered Spring Term

Type:

Social Science

• **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, 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

Type:

Social Science

• **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

Type:

Social Science

• **PSYCH-314 Learning & Reinforcement**

Prerequisites:

PSYCH 114 and Sophomore standing

Credits:

4.00

Description:

Considers 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

Type:

Social Science

• **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

Type:

Social Science

- **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

Type:

Social Science

- **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

Type:

- **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

Type:

Social Science

- **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 topics such as mood and anxiety disorders, thought disorders, personality disorders. Normally offered yearly.

Term:

Offered Both Fall and Spring

Type:

Social Science

• 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

Type:

Social Science

• 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

Type:

Social Science

• PSYCH-336 Developmental Psychopathology

Prerequisites:

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

Type:

Social Science

- **PSYCH-341 Sociocultural Perspectives**

Prerequisites:

PSYCH 114

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

Type:

Cultural Diversity Opt A, Social Science

- **PSYCH-345 Teambuilding in Global and Diverse Workplaces**

Prerequisites:

Credits:

4.00

Description:

Examines effective approaches to building and maintaining successful teams in today's global and diverse workplace. Relevant theories and research concerning the cultural, organizational and individual factors that impact the structure, function and interpersonal dynamics of teams across settings are discussed. Topics include team characteristics, communication, leadership style, emotional and social intelligence, conflict and negotiation strategies, and challenges of working with multicultural, diverse and global team members and effectiveness of virtual teams. Students will explore essential components of functional versus dysfunctional teams, role of individual and cultural diversity, interpersonal relationship dynamics, globalization, and effective team work strategies across business, community and social organizational settings. Normally offered alternate years. This course fulfills the Cultural Diversity Requirement.

Term:

Offered Fall Term

Type:

Social Science,Cultural Diversity Opt A

• PSYCH-346 Community Psychology

Prerequisites:

JR Standing; Majors only or instructor's consent; ECR

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:

Social Science,Expanded Classroom Requirement

• PSYCH-347 Cyberpsychology

Prerequisites:

PSYCH 114 and Soph standing.

Credits:

4.00

Description:

Examines the role of cybertechnology, such as web Internet use, and its psychosocial correlates across gender, age, and culture. The course focuses on the complex and multidimensional approaches to the study of behavioral informatics. Explores theoretical and empirical research issues concerning the psychological, organizational, and cultural factors that impact online behavior both at home and in the workplace. Use of the Internet/web in mental health service areas will also be addressed. Normally offered alternate years.

Term:

Offered Fall Term

Type:

Social Science

• PSYCH-350 Psychology Internship

Prerequisites:

Junior Standing. Restricted to majors only unless permission of instructor. This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Focuses on interacting with others in a service environment in a professional role. Seminar emphasizes tools for interacting with recipients in a respectful manner, emphasizing strengths and resources of the recipient, and sensitivity to various kinds of diversity in the service setting. Students work in service settings for a minimum of 6-8 hours per week during the semester, with most of that time in direct contact with service recipients. Internship arrangements must be made before the course begins. Normally offered every semester. This course fulfills the Expanded Classroom Requirement.

Term:

Offered Both Fall and Spring

Type:

Social Science, Expanded Classroom Requirement

• PSYCH-408 Senior Seminar: History & System

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

Type:

Social Science

• 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 Seminar

Prerequisites:

PSYCH 114, PSYCH 215 & 216; Senior standing and admission by invitation only.

Credits:

4.00

Description:

Emphasizes the reading of primary source material, critical thinking, seminar discussion, and critical writing. Examines both historical and contemporary theories in the field, along with current empirical research. Assessment and measurement issues emphasized, along with substantive writing, typically 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:

Social Science

• 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

Type:

Social Science

2013-2014 Archived Catalog Information

Radiation Science & Therapy

The radiation science program is designed for those students interested in biology, health science, and clinical radiation therapy. We also offer the radiation therapy major, to which students may apply in their sophomore year.

The radiation science program is a collaboration between the Physics Department and our world-class clinical sites: Massachusetts General Hospital (MGH), Brigham and Women's Hospital, and the Dana-Farber Cancer Institute.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Radiation Therapy](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Radiation Science Courses](#)

Major Requirements

Radiation Science

Clinical training is not required to obtain a degree in radiation science.

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ

- **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. Fall Offering: Science Majors ONLY; Spring Offering: Biology Majors ONLY.

Term:

Offered Both Fall and Spring

- **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. Fall Offerings: Science Majors Only; Spring Offerings: Biology Majors Only.

Term:

Offered Both Fall and Spring

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

Prerequisites:

MATH 104, MATH 121 or appropriate math placement score.

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.

• **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **PHYS-112 College Physics II**

Prerequisites:

PHYS 111 and 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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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 structure and functional inter-relations of the organ systems of the human body. This course includes histology and discussion of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

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 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; By permission of the professor only.

Credits:

3.00

Description:

Conclusion of the survey of the structure and function of inter-relations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, immunity, digestive, urinary, and reproductive systems. 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; By permission of the professor only.

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues.

Term:

Offered Spring Term

- **CHEM-111 General Chemistry**

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. Topics include introductions to atomic structure, stoichiometry, periodic table, gas laws, nature of chemical bonds, and thermochemistry. 3 lecture hours. Normally offered Fall/Summer I. This course is recommended for science and engineering majors or those considering careers in the health sciences. Students seeking to satisfy the core science requirement may wish to consider enrolling in CHEM 101/L101.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L111 General Chemistry Lab

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Exploration of basic principles of chemistry discovery through laboratory investigation, including recognition of the major reaction types, stoichiometry, and qualitative analysis. Additionally, students will be introduced to good laboratory practices and experimental techniques. 4-hour laboratory. Normally offered Fall/Summer I.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-112 General Chemistry

Prerequisites:

CHEM 111/L111;Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

Continuation of the discussion of the fundamental principles of chemistry. Topics include introductions to solutions, kinetics, equilibrium, acid-base systems, thermodynamics and electrochemistry. Prerequisite: Satisfactory completion of CHEM 111 and CHEM L111. 3 hours of lecture 1 term - 3 credits. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

- CHEM-L112 General Chemistry Lab

Prerequisites:

CHEM 112 must be taken concurrently; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3;

Credits:

1.00

Description:

Laboratory investigation in discovery format of topics from CHEM 112, including introduction to instrumental analysis and acid-base chemistry. Quantitative analysis, particularly volumetric analysis, is emphasized. 4-hour laboratory. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- 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

Type:

Expanded Classroom Requirement

• **PHYS-317 Radiation Physics II**

Prerequisites:

MS 315

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

• **CHEM-211 Organic Chemistry I**

Prerequisites:

CHEM 112

Credits:

3.00

Description:

Basic theories of structure, bonding, and chemical reactivity as specifically applied to modern organic chemistry. Topics include functional groups, acid/base chemistry, nomenclature, resonance, spectroscopy, and stereochemistry. Significant emphasis placed on the use of the arrow formalism to indicate the location and movement of electrons; serves as a basic introduction to organic mechanisms. Prerequisite: CHEM 112, L112 Concurrent enrollment in CHEM L211 required unless L211 has been previously completed. Concurrent enrollment in CHEM L211 required. 3 hours lecture. 1 term - 3 credits. Normally offered Fall, days/Summer I, evenings.

Term:

Offered Fall Term

• **CHEM-L211 Organic Chemistry Laboratory I**

Prerequisites:

Must be taken concurrently with CHEM 211.

Credits:

1.00

Description:

Laboratory exercises providing an introduction to synthetic organic chemistry techniques, including melting point determination, distillation, crystallization, extraction, chromatographic separations, and infrared spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Prerequisite: CHEM 112, L112. Concurrent enrollment in 211 required. 4-hour laboratory. 1 term - 1 credit. Normally offered Fall/Summer, days and evenings.

Term:

Offered Fall Term

• **CHEM-212 Organic Chemistry II**

Prerequisites:

CHEM 211 CHEM L211

Credits:

3.00

Description:

Builds on the core competencies acquired in Organic Chemistry I, includes detailed discussions of organic mechanisms of substitution, elimination, and addition reactions. Significant emphasis is placed on organic

synthesis, structure determination, and spectroscopy. Prerequisite: CHEM 211, L211. Concurrent enrollment in CHEM L212 required. 3 hours lecture. 1 term - 3 credits. Normally offered Spring, days/Summer II, evenings.

Term:

Offered Spring Term

- **CHEM-L212 Organic Chemistry Laboratory II**

Prerequisites:

CHEM 211/L211

Credits:

1.00

Description:

Builds on the core competencies acquired in Organic Chemistry Laboratory I. Significant emphasis is placed on the characterization of organic molecules via nuclear magnetic resonance spectroscopy. A component of this laboratory course incorporates discussions of experimental design within the context of environmentally benign (green) organic chemistry. Reports are prepared in professional style. Concurrent enrollment in CHEM 212 required. 4-hour laboratory. Normally offered Spring/Summer II, days and evenings.

Term:

Offered Spring Term

- **PHYS-416 Radiation Biology**

Prerequisites:

Take BIO 403, MS 315 and MS L315.

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

BIO-273, STATS-250, or PSYCH-215 Biostatistics option

Major electives (7 courses)

Radiation Therapy

These are the required courses for the major in radiation therapy. Students must apply to this selective program in their sophomore year.

- **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. Fall Offering: Science Majors ONLY; Spring Offering: Biology Majors ONLY.

Term:

Offered Both Fall and Spring

- **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. Fall Offerings: Science Majors Only; Spring Offerings: Biology Majors Only.

Term:

Offered Both Fall and Spring

- **MS-101 Principles of Cancer Management**

Prerequisites:

Radiation Biology major only or permission of instructor.

Credits:

4.00

Description:

This course will introduce the students to the twelve major cancers. Topics to be covered for each cancer include etiology, epidemiology, detection, diagnosis, and prevention as well as the psychosocial aspects of being diagnosed with cancer. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy and immunotherapy, bone marrow transplants, and the use of clinical trials. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: models, videos, guest lectures, radiation therapy departmental tour, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through quizzes, exams and an oral presentation.

Term:

Offered Fall Term

• MATH-134 Calculus for Management & Social Sciences

Prerequisites:

MATH 104, MATH 121 or appropriate math placement score.

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.

• PHYS-111 College Physics I

Prerequisites:

Take MATH-121 or MATH-134 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **PHYS-112 College Physics II**

Prerequisites:

PHYS 111 and 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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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 structure and functional inter-relations of the organ systems of the human body. This course includes histology and discussion of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

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 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; By permission of the professor only.

Credits:

3.00

Description:

Conclusion of the survey of the structure and function of inter-relations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, immunity, digestive, urinary, and reproductive systems. 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; By permission of the professor only.

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues.

Term:

Offered Spring Term

- **CHEM-111 General Chemistry**

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. Topics include introductions to atomic structure, stoichiometry, periodic table, gas laws, nature of chemical bonds, and thermochemistry. 3 lecture hours. Normally offered Fall/Summer I. This course is recommended for science and engineering majors or those considering careers in the health sciences. Students seeking to satisfy the core science requirement may wish to consider enrolling in CHEM 101/L101.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

- **CHEM-L111 General Chemistry Lab**

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Exploration of basic principles of chemistry discovery through laboratory investigation, including recognition of the major reaction types, stoichiometry, and qualitative analysis. Additionally, students will be introduced to good laboratory practices and experimental techniques. 4-hour laboratory. Normally offered Fall/Summer I.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-112 General Chemistry

Prerequisites:

CHEM 111/L111;Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

Continuation of the discussion of the fundamental principles of chemistry. Topics include introductions to solutions, kinetics, equilibrium, acid-base systems, thermodynamics and electrochemistry. Prerequisite: Satisfactory completion of CHEM 111 and CHEM L111. 3 hours of lecture 1 term - 3 credits. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• CHEM-L112 General Chemistry Lab

Prerequisites:

CHEM 112 must be taken concurrently; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3;

Credits:

1.00

Description:

Laboratory investigation in discovery format of topics from CHEM 112, including introduction to instrumental analysis and acid-base chemistry. Quantitative analysis, particularly volumetric analysis, is emphasized. 4-hour laboratory. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• 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

Type:

Expanded Classroom Requirement

• PHYS-301 Clinical Radiation I

Prerequisites:

BIO 204 and MS 200

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:

MS 301 concurrently

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-317 Radiation Physics II**

Prerequisites:

MS 315

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-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-L301 Radiation Therapy Rotation I**

Prerequisites:

MS 301 concurrently

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-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-415 Dosimetry I

Prerequisites:

MS 315;MSL415 concurrently

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:

MS 315, MS L315, MS 415 concurrently

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-L303 Radiation Therapy Rotation III**

Prerequisites:

MS 303 concurrent

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-416 Radiation Biology**

Prerequisites:

Take BIO 403, MS 315 and MS L315.

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-475 Senior Seminar for RT & MD**

Prerequisites:

Senior status

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.

Major elective (1 course)

BIO-273, STATS-250, or PSYCH-215 Biostatistics option

2013-2014 Archived Catalog Information

Radiation Science & Therapy

The radiation science program is designed for those students interested in biology, health science, and clinical radiation therapy. We also offer the radiation therapy major, to which students may apply in their sophomore year.

The radiation science program is a collaboration between the Physics Department and our world-class clinical sites: Massachusetts General Hospital (MGH), Brigham and Women's Hospital, and the Dana-Farber Cancer Institute.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Radiation Therapy](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Radiation Science Courses](#)

Those students interested in the radiation therapy major will require approval from the Faculty Advisory Committee (consisting of clinical staff and Suffolk faculty). For these students additional courses and training will be required at the clinical sites. Students selected for the clinical track must have a minimum GPA of 3.0 and have achieved grades of "B" or better in the following prerequisite courses:

- **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. Fall Offering: Science Majors ONLY; Spring Offering: Biology Majors ONLY.

Term:

Offered Both Fall and Spring

- **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. Fall Offerings: Science Majors Only; Spring Offerings: Biology Majors Only.

Term:

Offered Both Fall and Spring

• **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 structure and functional inter-relations of the organ systems of the human body. This course includes histology and discussion of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

• **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

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 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; By permission of the professor only.

Credits:

3.00

Description:

Conclusion of the survey of the structure and function of inter-relations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, immunity, digestive, urinary, and reproductive systems. 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; By permission of the professor only.

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues.

Term:

Offered Spring Term

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **PHYS-112 College Physics II**

Prerequisites:

PHYS 111 and 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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **PHYS-151 University Physics I**

Prerequisites:

Take MATH-121 or MATH 165. 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **PHYS-152 University Physics II**

Prerequisites:

PHYS 151, PHYS L152 concurrently

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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• 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:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

• 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:

NATURAL SCIENCE FOR BA BFA & BSJ

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 and suitability for the field will be considered. Students who defer commencement 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 he/she fails to maintain the minimum GPA or achieve a final grade lower than "B" in any of the radiation science courses.

If admitted into the radiation therapy major, part-time and full-time students must complete core clinical requirements within three years of being admitted. Radiation therapy graduates may seek employment immediately following graduation and will also be eligible for the American Registry of Radiologic Technologists (ARRT) Registry Exam.

2013-2014 Archived Catalog Information

Radiation Science & Therapy

The radiation science program is designed for those students interested in biology, health science, and clinical radiation therapy. We also offer the radiation therapy major, to which students may apply in their sophomore year.

The radiation science program is a collaboration between the Physics Department and our world-class clinical sites: Massachusetts General Hospital (MGH), Brigham and Women's Hospital, and the Dana-Farber Cancer Institute.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Radiation Therapy](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Radiation Science Courses](#)

Freshman Year (32 Credits)

- **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

- **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. Fall Offering: Science Majors ONLY; Spring Offering: Biology Majors ONLY.

Term:

Offered Both Fall and Spring

- **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. Fall Offerings: Science Majors Only; Spring Offerings: Biology Majors Only.

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:

NATURAL SCIENCE FOR BA BFA & BSJ

• MATH-134 Calculus for Management & Social Sciences

Prerequisites:

MATH 104, MATH 121 or appropriate math placement score.

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.

[Seminar for Freshmen](#)

Social Science Core Requirement

Ethical and Philosophical Inquiry Requirement

Sophomore Year (32 Credits)

- **PHYS-111 College Physics I**

Prerequisites:

Take MATH-121 or MATH-134 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **PHYS-112 College Physics II**

Prerequisites:

PHYS 111 and 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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• 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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• 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 structure and functional inter-relations of the organ systems of the human body. This course includes histology and discussion of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

• **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

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 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; By permission of the professor only.

Credits:

3.00

Description:

Conclusion of the survey of the structure and function of inter-relations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, immunity, digestive, urinary, and reproductive systems. 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; By permission of the professor only.

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues.

Term:

Offered Spring Term

Literature Option

Humanities/History Core Requirement

Cultural Diversity A Core Requirement

Junior Year (31 Credits)

- **CHEM-111 General Chemistry**

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. Topics include introductions to atomic structure, stoichiometry, periodic table, gas laws, nature of chemical bonds, and thermochemistry. 3 lecture hours. Normally offered Fall/Summer I. This course is recommended for science and engineering majors or those considering careers in the health sciences. Students seeking to satisfy the core science requirement may wish to consider enrolling in CHEM 101/L101.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

- **CHEM-L111 General Chemistry Lab**

Prerequisites:

Must be taken concurrently with CHEM 111.

Credits:

1.00

Description:

Exploration of basic principles of chemistry discovery through laboratory investigation, including recognition of the major reaction types, stoichiometry, and qualitative analysis. Additionally, students will be introduced to good laboratory practices and experimental techniques. 4-hour laboratory. Normally offered Fall/Summer I.

Term:

Offered Fall Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **CHEM-112 General Chemistry**

Prerequisites:

CHEM 111/L111;Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3; CHEM-L112 must be taken concurrently.

Credits:

3.00

Description:

Continuation of the discussion of the fundamental principles of chemistry. Topics include introductions to solutions, kinetics, equilibrium, acid-base systems, thermodynamics and electrochemistry. Prerequisite: Satisfactory completion of CHEM 111 and CHEM L111. 3 hours of lecture 1 term - 3 credits. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **CHEM-L112 General Chemistry Lab**

Prerequisites:

CHEM 112 must be taken concurrently; Take MATHT-MPEL0 MATHT-MPEL1 MATHT-MPEL2 or MATHT-MPEL3;

Credits:

1.00

Description:

Laboratory investigation in discovery format of topics from CHEM 112, including introduction to instrumental analysis and acid-base chemistry. Quantitative analysis, particularly volumetric analysis, is emphasized. 4-hour laboratory. Normally offered Spring/Summer II.

Term:

Offered Spring Term

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• BIO-403 Cell Biology

Prerequisites:

BIO 111/L111 and CHEM 211/L211

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

• 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-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

Type:

Expanded Classroom Requirement

- **PHYS-301 Clinical Radiation I**

Prerequisites:

BIO 204 and MS 200

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:

MS 301 concurrently

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-317 Radiation Physics II**

Prerequisites:

MS 315

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:

MS 315;MSL415 concurrently

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:

MS 315, MS L315, MS 415 concurrently

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-L301 Radiation Therapy Rotation I**

Prerequisites:

MS 301 concurrently

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

Clinical Practicum I is completed during the summer following junior year.

Senior Year (30 Credits)

- **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:

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:

MS 303 concurrent

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-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-416 Radiation Biology

Prerequisites:

Take BIO 403, MS 315 and MS L315.

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-475 Senior Seminar for RT & MD**

Prerequisites:

Senior status

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.

BIO-273, STATS-250, OR PSYCH-215 Biostatistics Option

Cultural Diversity B Core Requirement

2013-2014 Archived Catalog Information

Radiation Science & Therapy

The radiation science program is designed for those students interested in biology, health science, and clinical radiation therapy. We also offer the radiation therapy major, to which students may apply in their sophomore year.

The radiation science program is a collaboration between the Physics Department and our world-class clinical sites: Massachusetts General Hospital (MGH), Brigham and Women's Hospital, and the Dana-Farber Cancer Institute.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Radiation Therapy](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Radiation Science Courses](#)

Students may pursue a minor in radiation science by completing the following courses. (Please note that some of the courses have required laboratories.)

- **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:

NATURAL SCIENCE FOR BA BFA & BSJ

- **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. Fall Offering: Science Majors ONLY; Spring Offering: Biology Majors ONLY.

Term:

Offered Both Fall and Spring

- **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. Fall Offerings: Science Majors Only; Spring Offerings: Biology Majors Only.

Term:

Offered Both Fall and Spring

- **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 structure and functional inter-relations of the organ systems of the human body. This course includes histology and discussion of the integumentary, skeletal, muscular, and nervous systems. Medical terminology will be used.

Term:

Offered Fall Term

- **BIO-L203 Anatomy & Physiology Lab I**

Prerequisites:

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 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; By permission of the professor only.

Credits:

3.00

Description:

Conclusion of the survey of the structure and function of inter-relations of the organ systems of the human body. This course investigates the endocrine, circulatory, respiratory, immunity, digestive, urinary, and reproductive systems. 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; By permission of the professor only.

Credits:

1.00

Description:

A study of the human viscera using anatomical models and dissection of mammalian specimens. Also includes microscopy of tissues.

Term:

Offered Spring Term

• BIO-403 Cell Biology

Prerequisites:

BIO 111/L111 and CHEM 211/L211

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

• PHYS-416 Radiation Biology

Prerequisites:

Take BIO 403, MS 315 and MS L315.

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

2013-2014

2013-2014

2013-1

2013-2014 Archived Catalog Information

Radiation Science & Therapy

The radiation science program is designed for those students interested in biology, health science, and clinical radiation therapy. We also offer the radiation therapy major, to which students may apply in their sophomore year.

The radiation science program is a collaboration between the Physics Department and our world-class clinical sites: Massachusetts General Hospital (MGH), Brigham and Women's Hospital, and the Dana-Farber Cancer Institute.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Radiation Therapy](#)
- [Suggested Course Sequence](#)
- [Minor Requirements](#)
- [Radiation Science Courses](#)

- **MS-101 Principles of Cancer Management**

Prerequisites:

Radiation Biology major only or permission of instructor.

Credits:

4.00

Description:

This course will introduce the students to the twelve major cancers. Topics to be covered for each cancer include etiology, epidemiology, detection, diagnosis, and prevention as well as the psychosocial aspects of being diagnosed with cancer. The course will also discuss the major treatment modalities for each cancer including radiation therapy, surgery, chemotherapy and immunotherapy, bone marrow transplants, and the use of clinical trials. The goals and objectives of the course will be met through the use of various teaching tools including but not limited to: models, videos, guest lectures, radiation therapy departmental tour, and a poster project with a presentation component. Cognitive assessment of the students will be accomplished through quizzes, exams and an oral presentation.

Term:

Offered Fall Term

- **MS-111 Introduction to Medical Dosimetry**

Credits:

4.00

Description:

This course will serve as a detailed introduction to the medical dosimetry profession and how it fits into the Radiation Oncology department framework. The professional relationships, responsibilities and qualifications of the medical dosimetrist and other staff will be examined. The scope of practice and code of ethics from the American Association of Medical Dosimetrists (AAMD) will be discussed in detail as well as the role of other professional organizations. The policies and procedures governing the medical dosimetry program in relation to the standards set by the Joint Review Committee on Education in Radiologic Technology (JRCERT) will also be reviewed. Other topics to be covered in order to prepare students for entry into their clinical rotations will include radiation safety, patient rights, privacy laws, infection control and an overview of department workflow starting from diagnosis through treatment and beyond. Finally, students will receive detailed instruction on basic hand calculations as these will form the basis of the start of their clinical rotations in the following semester.

Term:

Offered Fall Term

- **MS-200 Introduction to Medical Sciences**

Prerequisites:

Acceptance into the clinical track or post-bac program.

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

- **MS-299 Intro to Clinical Radiation**

Prerequisites:

MS 101; Acceptance into clinical track or post-bac program

Credits:

4.00

Description:

This course will combine hands-on laboratory exercises, case studies, detailed lectures and discussions to introduce the student to radiation therapy. Topics to be covered include: history of x-rays, x-ray production, professional societies, departmental staff and structure, proper body mechanics, infection control, basic nursing/patient care and emergency procedures, patient communication, medical chart interpretation, linear accelerator operation, radiation safety, basic radiation therapy treatment techniques, basic medical terminology, and death and dying.

Term:

Offered Fall Term

• **MS-301 Clinical Radiation I**

Prerequisites:

BIO 204 and MS 200

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

• **MS-L301 Clinical Radiation Lab I**

Prerequisites:

MS 301 concurrently

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

- **MS-302 Clinical Radiation II**

Prerequisites:

MS 301

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

- **MS-L302 Clinical Radiation II Lab**

Prerequisites:

Students must take MS 302 concurrently

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

- **MS-303 Clinical Radiation III**

Prerequisites:

MS 302

Credits:

3.00

Description:

For the senior radiation therapy student, through a systems-based approach, this course will emphasize advanced radiation treatment techniques, including patient simulation, immobilization, contouring, and beam modification. The course will also cover radiation therapy quality assurance, medical law, and medical ethics.

Term:

Offered Spring Term

• **MS-L303 Clinical Radiation III Lab**

Prerequisites:

MS 303 concurrent

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

• **MS-L304 Clinical Practicum for Radiation Therapy**

Prerequisites:

Take MS-301 MS-L301;

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

Type:

- **MS-310 Clinical Practicum I**

Prerequisites:

MS 301 and MS L301

Credits:

1.00

Description:

Student radiation therapists and student dosimetrists will spend fourteen 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 and certified medical dosimetrists, the student will be guided toward the application of theory in the real world of cancer treatment and planning.

Term:

Summer

Type:

Expanded Classroom Requirement

- **MS-L311 Clinical Dosimetry Rotation I**

Prerequisites:

MS-L111 and take MS-301 concurrently

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

- **MS-L312 Clinical Dosimetry Rotation II**

Prerequisites:

Take MS-L311 and MS-302 concurrently

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

- **MS-L313 Clinical Dosimetry Rotation III**

Prerequisites:

MS-L312 and MS-303 concurrently

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

- **MS-L314 Clinical Practicum for Dosimetry**

Prerequisites:

Take MS-301 and MS-L311;

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

Type:

- **MS-315 Radiation Physics I**

Prerequisites:

PHYS 112, BIO 111, and MATH 134 or higher AND MS L315 CONCURRENTLY

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

- **MS-L315 Radiation Science Lab**

Prerequisites:

MS 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

Type:

Expanded Classroom Requirement

- **MS-317 Radiation Physics II**

Prerequisites:

MS 315

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

- **MS-415 Clinical Dosimetry**

Prerequisites:

MS 315;MSL415 concurrently

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

- **MS-L415 Clinical Dosimetry Lab**

Prerequisites:

MS 315, MS L315, MS 415 concurrently

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

• **MS-416 Radiation Biology**

Prerequisites:

Take BIO 403, MS 315 and MS L315.

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

• **MS-417 Clinical Dosimetry II**

Prerequisites:

MS 415

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

- **MS-420 Oncology and Pathology**

Prerequisites:

BIO 204, MS 302 must be taken concurrently

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

- **MS-422 Radiology for Radiation Therapy**

Prerequisites:

BIO 204 & BIO L204: may also be taken concurrently

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

- **MS-430 Senior Seminar**

Prerequisites:

Available to Senior students in the Medical Science's Radiation Therapy Clinical Track.

Credits:

2.00

Description:

This course will be available to senior students enrolled in the Radiation Therapy Clinical Track. This seminar style course will serve three purposes; one will be to assist the senior students with the completion of the more advanced ARRT clinical competency requirements including, but not limited to, CSI, Mantle, and Paraaortic fields. This portion of the seminar will be conducted in a laboratory setting using our Phantom Patient. It's second purpose will be to prepare our graduating students for the ARRT's National Registry Exam. Exam preparation will include the use of lectures, student teaching, online teaching tools, mini mock registry exams and a full-length mock registry exam. Lastly, the seminar will assist the students with the preparation of their professional resumes including discussions regarding the skills necessary to make job interviews successful.

Term:

Offered Spring Term

• **MS-435 Brachytherapy**

Prerequisites:

MS-417;

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

• **MS-450 Dosimetry Systems and Networking**

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

- **MS-455 Advanced Radiation Treatment Techniques**

Prerequisites:

MS 302 & RT Clinical Student

Credits:

1.00

Description:

For the senior radiation therapy student, this course will emphasize advanced radiation treatment techniques, including patient simulation, immobilization, contouring, beam modification, as well as special procedures.

- **MS-465 Senior Seminar for Medical Sciences**

Prerequisites:

Senior status

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.

- **MS-510 Independent Study**

Prerequisites:

Seniors Only; permission of program director

Credits:

1.00- 7.00

Description:

Under special circumstances, seniors may be allowed to pursue studies in areas of particular interest to them. By special arrangement, members of the Medical Sciences Committee will schedule discussion sessions, assign

projects and provide guidance and feedback. A paper & oral presentation are required.

Term:

Offered Both Fall and Spring

2013-2014 Archived Catalog Information

Religious Studies

The religious studies program is an interdisciplinary program designed to give students the opportunity to explore the various depths, dimensions and meanings of world religions. Religious thought and doctrines, in both western and non-western cultures, from ancient civilizations to modern times, will be presented as a vehicle for expanding the various ways in which religious ideas and practices can be understood.

The religious studies minor contains courses taught in a number of departments in the College of Arts and Sciences, as well as interdisciplinary fieldwork and independent studies. Courses constituting the minor in religious studies are devoted to exploring the intellectual, socio-cultural and aesthetic aspects of religious beliefs and practices.

There is no major available in religious studies.

The religious studies program is an interdisciplinary program designed to give students the opportunity to explore the various depths, dimensions and meanings of world religions. Religious thought and doctrines, in both western and non-western cultures, from ancient civilizations to modern times, will be presented as a vehicle for expanding the various ways in which religious ideas and practices can be understood. The religious studies minor contains courses taught in a number of departments in the College of Arts and Sciences, as well as interdisciplinary fieldwork and independent studies. Courses constituting the minor in religious studies are devoted to exploring the intellectual, socio-cultural and aesthetic aspects of religious beliefs and practices. There is no major available in religious studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Religious Studies Courses](#)
- [Contact Us](#)

Curriculum

Requirements for a minor are satisfied by successfully completing 20 credits of coursework in religious studies. For course descriptions, please refer to the appropriate department of this catalog.

Required Core Component (1 Course, 4 Credits)

Choose one of the following:

- **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:

Cultural Diversity Opt B,Asian Studies

Designated Course Component (4 Courses, 16 Credits)

- **ENG-121 History and Literature of the Bible**

Credits:

4.00

Description:

Survey of the Old and New Testaments as collections of texts that have their origin in particular historical periods; exhibiting genres such as poetry, myth, history, biography and prophecy, as exhibited in the King James Version and other notable English translations. At the same time we will look at selected examples of how the Bible influenced the writers and permeated the works of English literature.

Term:

Occasional

Type:

Humanities & History,Humanities Literature Requirement

- **ENG-317 Classical Mythology**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

Ancient Greek and Roman myths, their motifs, themes and interpretations. Normally offered every third year.

- **ENG-411 Ancient Greece and Ancient Israel**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A survey of archaic thought from Greek myths of origin and Hebraic accounts of Genesis to Mosaic law and Aristotelian ethics. Major topics include: polytheism and monotheism, the Psalms, Homer's Troy, the complexity of desire and identity in the Hebrew Bible and in Sappho's poetry, biblical depictions of Jacob, Joseph, and David. Cross-listed with History 338.

Term:

Occasional

- **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

Type:

Cultural Diversity Opt A, Social Science, BSJ SOCIAL SCIENCE

• HST-338 Ancient Greece & Ancient Israel

Credits:

4.00

Description:

A survey of archaic thought from Greek myths of origin and Hebraic accounts of Genesis to Mosaic law and Aristotelian ethics. Major topics include: polytheism and monotheism, Homer's Troy, the pre-Socratic philosophers and early conceptions of the universe; the complexities of desire and identity in the song of Songs and Sappho's lyric poetry; God's covenant with Israel as depicted in Exodus, Samuel, and the Psalms; self-knowledge and justice in Greek tragedy. Note: This course is identical to ENG 411 and HUM 338.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

• 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

Type:

Humanities & History, Humanities Literature Requirement

• 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:

Cultural Diversity Opt B,Cultural Diversity BFA,Humanities & History,Humanities Literature Requireme

• 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:

Cultural Diversity Opt B,Cultural Diversity BFA,Asian Studies,Expanded Classroom Requirement

• 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

Type:

Cultural Diversity Opt A

- **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

Type:

Cultural Diversity BFA,Cultural Diversity Opt A

- **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

Type:

Cultural Diversity Opt B

- **PHIL-310 Topics in the Philosophy of Religion**

Prerequisites:

Prerequisite: One course in Philosophy or consent of instructor.

Credits:

4.00

Description:

This course provides an opportunity to explore in depth a specific topic in the philosophy of religion. Subjects vary from specific authors or religious figures to particular issues in the philosophy of religion or to comparisons between Western and Eastern traditions. Prerequisite: One course in Philosophy or consent of instructor. 1 term - 4 credits. Normally offered every third 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

Type:

Cultural Diversity Opt B

• **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.

• **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

Type:

Expanded Classroom Requirement

• **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.

Special Topics

Some students may wish to include specialized research in their minor. They may do so by including as part of their program an independent study course or a field study project.

2013-2014 Archived Catalog Information

Religious Studies

The religious studies program is an interdisciplinary program designed to give students the opportunity to explore the various depths, dimensions and meanings of world religions. Religious thought and doctrines, in both western and non-western cultures, from ancient civilizations to modern times, will be presented as a vehicle for expanding the various ways in which religious ideas and practices can be understood.

The religious studies minor contains courses taught in a number of departments in the College of Arts and Sciences, as well as interdisciplinary fieldwork and independent studies. Courses constituting the minor in religious studies are devoted to exploring the intellectual, socio-cultural and aesthetic aspects of religious beliefs and practices.

There is no major available in religious studies.

The religious studies program is an interdisciplinary program designed to give students the opportunity to explore the various depths, dimensions and meanings of world religions. Religious thought and doctrines, in both western and non-western cultures, from ancient civilizations to modern times, will be presented as a vehicle for expanding the various ways in which religious ideas and practices can be understood. The religious studies minor contains courses taught in a number of departments in the College of Arts and Sciences, as well as interdisciplinary fieldwork and independent studies. Courses constituting the minor in religious studies are devoted to exploring the intellectual, socio-cultural and aesthetic aspects of religious beliefs and practices. There is no major available in religious studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Religious Studies Courses](#)
- [Contact Us](#)

- **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:

Cultural Diversity Opt B, 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.

2013-2014 Archived Catalog Information

Religious Studies

The religious studies program is an interdisciplinary program designed to give students the opportunity to explore the various depths, dimensions and meanings of world religions. Religious thought and doctrines, in both western and non-western cultures, from ancient civilizations to modern times, will be presented as a vehicle for expanding the various ways in which religious ideas and practices can be understood.

The religious studies minor contains courses taught in a number of departments in the College of Arts and Sciences, as well as interdisciplinary fieldwork and independent studies. Courses constituting the minor in religious studies are devoted to exploring the intellectual, socio-cultural and aesthetic aspects of religious beliefs and practices.

There is no major available in religious studies.

The religious studies program is an interdisciplinary program designed to give students the opportunity to explore the various depths, dimensions and meanings of world religions. Religious thought and doctrines, in both western and non-western cultures, from ancient civilizations to modern times, will be presented as a vehicle for expanding the various ways in which religious ideas and practices can be understood. The religious studies minor contains courses taught in a number of departments in the College of Arts and Sciences, as well as interdisciplinary fieldwork and independent studies. Courses constituting the minor in religious studies are devoted to exploring the intellectual, socio-cultural and aesthetic aspects of religious beliefs and practices. There is no major available in religious studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Religious Studies Courses](#)
- [Contact Us](#)

Contact Us

Program Director

Donna Giancola, PhD

Associate Professor

Phone: 617.573.8258

Fax: 617.973.5323

Email: dgiancol@suffolk.edu

Office: 73 Tremont St., Rm. 1067

Philosophy Department

Mary Anooshian

Office Coordinator

Phone: 617.573.8399

Fax: 617.973.5323

Email: manooshian@suffolk.edu

Office: 73 Tremont Street, 10th floor, Room 1068

2013-2014

2013-2014

2013-1

2013-2014 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 Intro to Physical Science I**

Prerequisites:

One course of MATH 104,121,130,134, or 165; SCI L101 taken concurrently

Credits:

3.00

Description:

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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

- **SCI-L101 Physical Science Lab I**

Prerequisites:

SCI 101 concurrently

Credits:

1.00

Description:

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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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 OR MATH 165. SCI 102
Must be taken concurrently

Credits:

3.00

Description:

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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **SCI-L102 Physical Science Lab II**

Prerequisites:

SCI 102 concurrently

Credits:

1.00

Description:

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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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-L105 Composite Science Lab**

Prerequisites:

Permission of the department, transfer student status- 2 credits

Credits:

2.00

Description:

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:

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:

NATURAL SCIENCE FOR BA BFA & BSJ

• **SCI-111 Astronomy I**

Prerequisites:

MATH 104 OR MATH 121 OR MATH 130 OR MATH 134 OR MATH 165. 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. For non-science majors.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

• **SCI-L111 Astronomy Lab I**

Prerequisites:

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.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **SCI-112 Astronomy II**

Prerequisites:

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. For non-science majors.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **SCI-L112 Astronomy Lab II**

Prerequisites:

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.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

• SCI-123 Scientific Bases of Modern Problems

Prerequisites:

one semester of a laboratory science, Math requirement (MATH 130 or higher) and Comp Sci req

Credits:

4.00

Description:

A seminar course that explores modern personal, social, and political problems in the world today, such as: stem cell research, genetically modified foods, cloning, exploration of outer space, hurricanes, earthquakes, artificial intelligence, environmental pollution, energy resources, or any other topic that is of current concern and that has scientific/technological components. Course activity is based on class discussion and writing on selected current readings along with outside weekly projects, culminating in a term paper project and presentation. Intended to satisfy the science requirement for the BA degree. Prerequisite: one semester of a laboratory science, mathematics requirement, computer science requirement.

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

• SCI-161 Physical Science

Prerequisites:

One course from MATH 104 OR MATH 121 OR MATH 130 OR MATH 134 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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ

• 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:

NATURAL SCIENCE FOR BA BFA & BSJ

• SCI-173 Geographic Information Science (GIS) 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:

NATURAL SCIENCE FOR BA BFA & BSJ, NATURAL SCIENCE FOR BS

- **SCI-L173 GIS 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:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

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

Credits:

4.00

Description:

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:

NATURAL SCIENCE FOR BA BFA & BSJ

- **SCI-183 Contemporary Science and Innovation**

Prerequisites:

Concurrently with SCI L183

Credits:

3.00

Description:

This is a laboratory based 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:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **SCI-L183 Contemporary Science and Innovation Lab**

Prerequisites:

Concurrently with SCI-183

Credits:

1.00

Description:

This laboratory illustrates concepts and methods taught in SCI 183.

Term:

Occasional

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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:

NATURAL SCIENCE FOR BA BFA & BSJ

• **SCI-251 Intro to Coastal Geology**

Prerequisites:

Intro Math and must take SCI-L251 concurrently

Credits:

3.00

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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

• **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

Type:

NATURAL SCIENCE FOR BA BFA & BSJ,NATURAL SCIENCE FOR BS

2013-2014 Archived Catalog Information

Second Language Programs

The mission of SLS is to provide academic support to those students whose primary language is not English by aiding them in strengthening their reading, writing, speaking, and listening skills. Support is offered by ESL professionals through intensive English classes, workshops, individual tutorials, self-study materials, a teaching fellows program, an institutional TOEFL program, and a faculty outreach program. The workshops, tutorials, and self-study materials are provided free of charge. It is our hope that no student in need of English language support continues at the University unaided.

We offer intensive English language instruction, tutorials, and support for students interested in studying at an American college or university.

- **Developmental English**

- **ENG 095 Developmental English Skills I**

- 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 and Summer Session I semesters

- **ENG 096 Developmental English Skills II**

- 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 in the spring and Summer Session II semesters.

- **Freshman Second Language Program (FSL)**

- 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 program typically leads to a baccalaureate degree. The first year of intensive, developmental English courses is complemented by a series of content courses within the College of Arts and Sciences (CAS) and the Sawyer Business School, for which students earn academic credit. This program of study is meant to enable students to acquire the academic skills necessary to successfully obtain a college degree. Upon successful completion of the FSL program, students may go on to pursue a BS or BA in

CAS, a BFA degree in the New England School of Art and Design (NESAD), or a BSBA degree in the Sawyer Business School. The length of time needed to obtain a full degree will depend on how quickly students progress in their academic and language skills, and on what major they wish to pursue.

All students in the FSL Program take the following courses their first year:*

FSL Program Courses

Skills Courses

Through the use of genuine content materials and assignments, these courses offer students the opportunity to practice active critical thinking and study skills as they familiarize themselves with the academic language structures and standards required in an American university setting. They also frequently call upon students to examine their own first language acquisition and reading and writing processes to enable them to apply successful strategies to their university study.

Content Courses

These courses provide students with opportunities to apply what they have acquired in the Skills Courses in rigorous content-based settings. These courses offer reading and writing activities which implement skills introduced in ENG 098 and ENG 099.

Fall semester

- ENG 098 ESL Reading/Writing: Utilizing a freshman-level English textbook and materials from the content courses, these courses furnish 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 181 American History: This course provides a survey of American history and includes such topics as colonial politics and society; Native Americans; the American Revolution; nation-building and nationalism; sectionalism and slavery; industrialization; and America's rise as a world power.
- SF 164 Seminar for Freshman - The End of the World: This course uses materials drawn from several disciplines and is designed to help incoming freshmen develop the skills, habits of inquiry and broadened range of interests necessary to pursue a higher education successfully and independently. This course stresses writing and learning strategies, critical literacy, and academic survival skills, as well as exposure to great works and ideas.
- Program elective

Spring semester

- ENG 099 ESL Reading/Writing: Utilizing a freshman-level English textbook and materials from the content courses, these courses furnish 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 and Globalization in World History II: This course provides an overview and integration of major events in world history and their contributions to modern business and globalization. Themes of geography, global issues, and cultural diversity will be emphasized.

- CJN 177 Professional Communication: This course addresses oral professional communication knowledge and competencies. Students will deliver informative, persuasive, and impromptu presentations. Interpersonal communications will be enhanced as students practice giving and receiving feedback, learn how group dynamics affect team-level communication, and complete and present a team project.
- Program elective

*NESAD students' program may deviate slightly.

All FSL courses award academic credit. The amount of credit awarded toward degree requirements varies with the school and major the student matriculates into. The number of credits applied toward graduation is typically distributed: CAS students (24-32), Sawyer Business School students (24-32), and NESAD students (24-30).

FSL Program Policies

Due to the developmental nature of its courses, the FSL Program is a two-semester commitment. FSL students participate in summer orientation and begin their program in the fall. Once a student has begun the FSL Program, he or she may not place out of it with an advanced standardized test score. To exit the FSL Program, students must pass all FSL courses; if they do not, they may be asked to leave the University. During the second semester of the program, students take a written exit exam. Students who are unable to pass the exam are required to enroll in an additional intensive writing course.

Advising

The Coordinator of the FSL Program, Elaine Pascale, officially advises FSL students during the program and offers assistance throughout their time at Suffolk. To schedule an appointment, please call (617) 973-5392.

Tutoring

Individual and small group tutoring is available free of charge to all second language students through the SLS Office. Writing and grammar tutoring is offered by ESL professionals, and workshops are also conducted in a variety of areas, including Academic Writing, TOEFL Preparation, Graduate Writing, and Classroom Conversational Skills and Pronunciation.

• **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 six weeks. Placement into and progression through each level is determined using a variety of assessment tools, including coursework and institutional TOEFL/TWE scores.

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)

Conditional Acceptance

Students may apply directly to the ELI Program or be referred by an Admissions Counselor. Students applying to a degree program who are academically admissible, but whose language proficiency is not acceptable, may be offered a conditional admittance, contingent upon successful completion of the ELI Program. Suffolk University reserves the right to make the final determination as to when program requirements have been successfully completed and when a student may qualify for admission to a degree program.

Attendance Policy

For students enrolled in the ELI Program, attendance and completion of assignments is vitally important to their progress. In addition, it is important for students to understand that regular attendance is a requirement of the Immigration and Naturalization Service for students with an F-1 visa. The current policy allows for students to miss a total of 20% of their classes without penalty. Missing between 20 and 40% of the classes will have a negative effect on a student's average and evaluation. Missing more than 45% of the scheduled classes without justification or permission from the Director of Second Language Services or the Dean of Students Office will result in a grade of "F" for that class. Grades of "W" or "I" will not be given in cases where a student's work is incomplete due to frequent unexcused absences. It is important to note that for students who have been conditionally admitted to a program at Suffolk University, a negative evaluation or failing grades could result in a denial of their application.

Advising

Carrie Oliva, the ELI Coordinator, officially advises ELI students during the program and offers assistance throughout their time at Suffolk, should they matriculate into a Suffolk degree program. To make an appointment, please call 617.994.4215.

Field Trips and Guest Speakers

ELI students may participate in field trips as part of their coursework throughout the semester. Past trips have included the Computer Museum, the State House, the Boston Stock Exchange, and the Suffolk County Courthouse. Guest speakers are often invited to the American Culture Lab.

Tutoring

Individual and small group tutoring is available free of charge to all second language students through the SLS Office. Tutoring is offered by ESL professionals in a variety of areas including: Language Skills, Academic Writing, TOEFL Preparation and Classroom Conversation Skills and Pronunciation.

Eli Courses

- **ELI-O21 Low Intermediate English Listening/Speaking Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low intermediate level (340-393 paper-based TOEFL, 63-90 computer-based, 20-29 Internet-based/1-1.5 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-022 Low Intermediate English Reading / Writing Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low intermediate level (340-393 paper-based TOEFL, 63-90 computer-based, 20-29 Internet-based/1-1.5 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-023 Low Intermediate English American Culture Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low intermediate level (340-393 paper-based TOEFL, 63-90 computer-based, 20-29 Internet-based/1-1.5 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 language skills introduced in the other ELI courses. The course meets for five hours a week. College credit is not awarded.

- **ELI-024 Low Intermediate English Academic Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low intermediate level (340-393 paper-based TOEFL, 63-90 computer-based, 20-29 Internet-based/1-1.5 TWE) who need to acquire academic English fluency in American English. The focus is on classroom behavior, note-taking, asking questions and classroom discourse. This course meets for five hours a week. College credit is not awarded.

- **ELI-031 Intermediate English Listening/Speaking/ Pronunciation Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at an intermediate level (425-450/110-133 CBT TOEFL/2.5-3.0 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-032 Intermediate English Reading, Writing, And Grammar Skills**

Credits:

0.00

Description:

For non-native English speakers assessed to be at a low intermediate level (425-450/110-133 CBT TOEFL / 2.5-3.0 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-033 Intermediate English - American Culture Lab**

Credits:

0.00

Description:

For non-native English speakers assessed to be at intermediate level (425-450/110-133 CBT TOEFL/2.5-3.0 TWE) who need to acquire communicative fluency in American English. The focus is on American culture, value and institutions, giving students a content driven opportunity to practice English language skills introduced in the other ELI courses. The course meets for five hours a week. College credit is not awarded.

- **ELI-034 Intermediate English - Academic Skills Lab**

Credits:

0.00

Description:

For non-native speakers assessed to be at intermediate level (425-450/110-133 CBT TOEFL/2.5-3.0 TWE) who need to acquire communicative fluency in American English. The focus is on computer skills needed to be a successful student at an American college. Skills include internet usage, word processing and spreadsheets, graphics creation, language drills, and TOEFL preparation. The course meets for five hours a week. College credit is not awarded.

- **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.

2013-2014 Archived Catalog Information

Sociology

The Department of Sociology offers a challenging and stimulating curriculum that prepares students to engage as critical thinkers and active citizens within a diverse global society. The sociology department offers its majors an integrated program of study that combines a broad curriculum within sociology with an option to specialize in specific concentrations within the major. A minor in sociology is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Minor Requirements](#)
- [Minor in Education Studies](#)
- [Honors](#)
- [Societies](#)
- [Sociology Courses](#)

The major in sociology consists of 9 courses (36 credits). Students will select one of three concentrations: (1) general sociology, (2) crime and justice, and (3) health, medicine, and the body.

In addition to the credits earned within a specific concentration, all sociology majors are exposed to the foundations of the discipline; the study of sociology beyond their concentration; and a focus within a selected concentration.

Regardless of concentration, all sociology majors are required to take four core courses:

Sociology Core Requirements (4 courses, 16 credits)

- Introductory (100-level) Sociology
- Research Methods
- A Theory course
- One Senior Seminar

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.

All sociology majors must take 20 additional credits to complete the major. Requirements for each concentration are listed in the "concentrations" section of this catalog.

Students must complete at least 20 credits in the major in residence at Suffolk.

Students who successfully fulfill the requirements for programs in crime and justice, or health, medicine and the body may apply for certificates of completion. Students should consult with their advisors on proper procedures for certificate awards.

2013-2014 Archived Catalog Information

Sociology

The Department of Sociology offers a challenging and stimulating curriculum that prepares students to engage as critical thinkers and active citizens within a diverse global society. The sociology department offers its majors an integrated program of study that combines a broad curriculum within sociology with an option to specialize in specific concentrations within the major. A minor in sociology is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Minor Requirements](#)
- [Minor in Education Studies](#)
- [Honors](#)
- [Societies](#)
- [Sociology Courses](#)

General Sociology Concentration

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; 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.

Core Requirements for General Sociology (16 Credits)

- **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:

Social Science

or

- **SOC-116 Social Problems**

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:

Social Science

- **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

and

- **SOC-315 Sociological Theory**

Prerequisites:

SOC 113 or 116 with a grade of C or better and one other SOC course; CANNOT be taken concurrently with SOC 214; Majors/Minors only.

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

or

- **SOC-333 Sociology of Crime**

Prerequisites:

Take SOC-113 or SOC-116 with a minimum grade of C; Take one 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.

and

- **SOC-433 Senior Seminar**

Prerequisites:

SOC 113 or 116 (with a grade of C or better) and SOC-214; Seniors Only; Required for all Crime and Justice Concentration 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-443 Seminar in Health, Medicine, & the Body

Prerequisites:

Senior standing required for all Health and Human Services majors

Credits:

4.00

Description:

An overview of the historical development and current concerns in the health and human services. Students select an area of interest and develop individualized study plans. The purpose of this course is to summarize and refine accumulated knowledge in this area. Students will demonstrate knowledge by engaging in a significant research project.

Term:

Occasional

• SOC-453 Seminar in Sociology

Prerequisites:

SOC 113 or SOC 116 with a minimum grade of a C; SOC 214; SOC 310, SOC 315, or SOC 333; Seniors only.

Credits:

4.00

Description:

This course will explore topics in sociology, requiring students to synthesize their learning in sociology to analyze research and develop their own study plans. The purpose of this course is to summarize and refine accumulated knowledge in sociology. Students will demonstrate knowledge by engaging in a significant research project.

Term:

Occasional

Sociology elective requirement (5 courses, 20 credits)

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 a sociological theory course (SOC 315, SOC 333).

Crime and Justice Concentration

The concentration in crime and 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.

- **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:

Social Science

or

- **SOC-116 Social Problems**

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:

Social Science

- **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:

Take SOC-113 or SOC-116 with a minimum grade of C; Take one 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) and SOC-214; Seniors Only; Required for all Crime and Justice Concentration 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.

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 a sociological theory course (SOC 315, SOC 333).

Concentration Requirements (3 courses, 12 credits)

- **SOC-234 Criminal Justice Systems**

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

and two courses (8 credits) from the following Crime and Justice electives; at least one of these must be at the 300 level:

- **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-218 Crime and Law in Indian Country**

Credits:

4.00

Description:

What happens if you commit a crime on an Indian reservation? Who will prosecute you and how will they punish you? This course will explore the roots of tribal legal systems and criminal law, both the Native and American influences. You will gain an understanding of tribal government, legal systems, criminal law, and the role of tradition in contemporary tribal law. The course will also examine the conflict between Native and Non-Native perspectives on several cases: sovereignty, rights to cultural practices, women, freedom of religion, and land.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **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

Type:

Cultural Diversity Opt A

• SOC-231 Victims of Crime

Credits:

4.00

Description:

In recent years, public attention to victims of crime has grown enormously. The reasons for this are complex. They include the effects of political organizing by crime victims; increased media attention to crime (often driven by crime stories as entertainment and advertising vehicles); the exploitation of crime victims by the politicians; and long-standing community frustrations with the criminal justice system. This course will examine the rise of public attention to crime, the response of the criminal justice system to victims, and the problems and possibilities regarding new responses to victims of crime. New developments in restorative justice will be presented as an emerging alternative to problems victims have reported with the criminal justice system.

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.

Type:

Cultural Diversity Opt A

• 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

Type:

Social Science

- **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

Type:

Cultural Diversity Opt A

- **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

Type:

Cultural Diversity Opt A

- **SOC-285 Terrorism and Counterterrorism**

Credits:

4.00

Description:

This course is designed to give students an overview of Terrorism and its impact on American society. It will examine various aspects of terrorism for a local, national and international perspective. It will examine the consequences of terrorism focusing on social responses and public policy issues.

Term:

Occasional

- **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-339 Sociology of Violence**

Credits:

4.00

Description:

A description of violence in the United States. This course emphasizes the historical development and utilization of violence from a sociological perspective. Social, political, and personal violence will be examined and an attempt will be made to develop some theoretical orientations that may be used to both explain and prevent violence.

Term:

Occasional

- **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-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

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B

- **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

Type:

Cultural Diversity Opt A

Sociology elective requirement (2 courses, 8 credits)

Students must select two courses in sociology from outside the crime and justice concentration.

Because of the close relationship between crime and justice and related social science disciplines, students should consult with their advisors regarding selection of electives in such areas as forensic science, psychology, psychological services, education, women's and gender studies, history, and economics.

Health, Medicine, and the Body Concentration

The health care sector is the fastest growing job sector today in many parts of the United States. The health, medicine, and the body concentration prepares students for employment in this rapidly growing sector by providing students with:

- 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
- Understanding of the global inequalities that give rise to disparities in health status
- Understanding of the health experiences of women, children, the elderly and other populations

Many health, medicine, and the body concentrators seek jobs in the health care sector upon graduation. These jobs may be in hospitals, government agencies, insurance companies, and community organizations. Others will choose to continue their education at the graduate level. The health, medicine, and the body concentration is good preparation for graduate study in education, public health, social work, hospital, or public administration, as well as joint RN/MS programs that fast-track college graduates into the nursing profession.

Core requirements (4 courses, 16 credits)

SOC-113 OR SOC-116

SOC-315 OR SOC-333

SOC-443 OR SOC-453 OR SOC-433

- **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

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 a sociological theory course (SOC 315, SOC 333).

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 U.S. Health Care Landscapes**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

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:

Expanded Classroom Requirement

or

• **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

Type:

Cultural Diversity Opt B

and one course (4 credits) from the following Health, Medicine and the Body electives:

- **SOC-243 Introduction to Health & Human Services**

Credits:

4.00

Description:

A survey of the fundamental values, organization and methods of practice of the major health and human services delivery systems. Problems associated with resource allocation and client base needs in the context of economic and political priorities are discussed. Alternative role models for professional workers in public and private settings are also evaluated.

Term:

Occasional

- **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:

- **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

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B

- **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

Elective Requirements (2 courses, 8 credits)

2 additional sociology electives from outside the health, medicine and the body concentration (8 credits)

Because of the close relationship between health, medicine, and the body and related disciplines, students should consult with their advisors regarding selection of electives in such areas as psychology, psychological services, education, women's and gender studies, and economics.

2013-2014 Archived Catalog Information

Sociology

The Department of Sociology offers a challenging and stimulating curriculum that prepares students to engage as critical thinkers and active citizens within a diverse global society. The sociology department offers its majors an integrated program of study that combines a broad curriculum within sociology with an option to specialize in specific concentrations within the major. A minor in sociology is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Minor Requirements](#)
- [Minor in Education Studies](#)
- [Honors](#)
- [Societies](#)
- [Sociology Courses](#)

A minor in sociology requires 20 credits of coursework (5 courses).

Two core courses (8 credits)

Choose:

- SOC-113 Introduction to Sociology OR SOC-116 Social Problems (students must earn a grade of "C" or better in either of these classes in order to enroll in a research methods or sociological theory class)
- SOC-214 Research Methods OR SOC-315 Sociological Theory OR SOC-333 Sociological Theory: Sociology of Crime.

Three electives (12 credits)

Students must also complete three electives in sociology. Electives may be chosen from any combination of sociology offerings but students interested in concentrating their minor coursework in a specific program area may wish to select all of their electives from that area.

Students must complete at least 8 credits in the minor in residence at Suffolk.

Students who successfully fulfill the requirements for programs in Crime and Justice, or Health, Medicine and the Body may apply for certificates of completion. Students should consult with their advisors on proper procedures for certificate awards.

2013-2014 Archived Catalog Information

Sociology

The Department of Sociology offers a challenging and stimulating curriculum that prepares students to engage as critical thinkers and active citizens within a diverse global society. The sociology department offers its majors an integrated program of study that combines a broad curriculum within sociology with an option to specialize in specific concentrations within the major. A minor in sociology is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Minor Requirements](#)
- [Minor in Education Studies](#)
- [Honors](#)
- [Societies](#)
- [Sociology Courses](#)

All education minors must complete the following 8 credits of core courses.

Core Requirements (8 Credits)

- **EHS-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

Type:

Social Science

- **EHS-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

Type:

Social Science

Elective Courses (12 Credits)

Students must complete three courses (12 credit hours) from the list below:

EHS 424 Issues and Trends in American Education

- **EHS-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

Type:

Expanded Classroom Requirement, Social Science

- **EHS-205 Service Learning: Community Tutoring Project**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00- 8.00

Description:

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:

Expanded Classroom Requirement, Social Science

• **EHS-208 Service Learning: College Access**

Prerequisites:

Instructor's Consent required

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

Type:

Expanded Classroom Requirement, Social Science

• **EHS-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.

- **EHS-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

Type:

Social Science

- **EHS-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

Type:

Cultural Diversity Opt A, Social Science

- **EHS-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

Type:

Expanded Classroom Requirement, Social Science

• **EHS-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

Type:

Social Science

• **EHS-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

Type:

Social Science

- **EHS-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

Type:

Social Science

- **EHS-424 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

Type:

Social Science

- **EHS-430 Issues in College Access & Success**

Prerequisites:

Instructor permission required

Credits:

4.00

Description:

Issues pertaining to college access and success with respect to underrepresented students will be explored within a Pre-K thru 16 continuum framework that views students' college choice and success as a complex and interwoven by-product of numerous socio-political, socio-economic and socio-cultural factors. Emphasis will be placed on the body of college access literature that centers the collegiate experiences and outcomes as being intrinsically and unavoidably linked to structural factors, decisions, plans and actions taken by students and their families in the pre-college, or Pre-K-12, context.

Term:

Occasional

Type:

Social Science

All education minors must see an advisor in the education studies program prior to registration each semester to ensure that students choose the appropriate courses for their career goals.

Faculty Review

The education studies program faculty reserve the right to require the withdrawal of a student from teacher preparation if the probability of success in teaching is doubtful. The academic average of a student is not the sole factor in determining success; others are interest, effort, and proficiency in skill subjects. It is important that a student maintain a minimum 3.0 GPA throughout his or her academic career.

2013-2014 Archived Catalog Information

Sociology

The Department of Sociology offers a challenging and stimulating curriculum that prepares students to engage as critical thinkers and active citizens within a diverse global society. The sociology department offers its majors an integrated program of study that combines a broad curriculum within sociology with an option to specialize in specific concentrations within the major. A minor in sociology is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Minor Requirements](#)
- [Minor in Education 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 that course. The department will offer at least one honors course per year.

2013-2014 Archived Catalog Information

Sociology

The Department of Sociology offers a challenging and stimulating curriculum that prepares students to engage as critical thinkers and active citizens within a diverse global society. The sociology department offers its majors an integrated program of study that combines a broad curriculum within sociology with an option to specialize in specific concentrations within the major. A minor in sociology is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Minor Requirements](#)
- [Minor in Education Studies](#)
- [Honors](#)
- [Societies](#)
- [Sociology Courses](#)

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 Iota of Massachusetts. To be eligible for membership, candidates must have a "B" (3.3) average overall as well as a "B" (3.3) average in sociology courses taken at the host institution. Students must have taken at least 4 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 complete at least four courses in the crime and justice field at Suffolk. The Suffolk University Chapter of Alpha Phi Sigma is Gamma Psi.

2013-2014 Archived Catalog Information

Sociology

The Department of Sociology offers a challenging and stimulating curriculum that prepares students to engage as critical thinkers and active citizens within a diverse global society. The sociology department offers its majors an integrated program of study that combines a broad curriculum within sociology with an option to specialize in specific concentrations within the major. A minor in sociology is also available.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Concentrations](#)
- [Minor Requirements](#)
- [Minor in Education Studies](#)
- [Honors](#)
- [Societies](#)
- [Sociology 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

Type:

Social Science

- **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

Type:

Social Science

- **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

Type:

Expanded Classroom Requirement, Social Science

- **EDUC-205 Service Learning: Community Tutoring Project**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00- 8.00

Description:

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:

Expanded Classroom Requirement, Social Science

- **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-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

Type:

Cultural Diversity Opt A, Social Science

- **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

Type:

Social Science

- **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

Type:

Social Science

- **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

Type:

- **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

Type:

Social Science

- **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

Type:

Social Science

- **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.

Type:

Social Science

• **EHS-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

Type:

Social Science

• **EHS-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

Type:

Social Science

- **EHS-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

Type:

Expanded Classroom Requirement, Social Science

- **EHS-205 Service Learning: Community Tutoring Project**

Prerequisites:

This class fulfills the Expanded Classroom Requirement

Credits:

4.00- 8.00

Description:

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:

Expanded Classroom Requirement, Social Science

- **EHS-206 Reading Theory, Pedagogy & Practice**

Credits:

4.00

Description:

Students will become knowledgeable about the various approaches to teaching reading, decoding, vocabulary development, and comprehension. The use of study skills in the Middle School content areas will be stressed. Students will be introduced to formal and informal assessment techniques to determine reading instructional needs. Normally offered yearly.

Type:

Social Science

• **EHS-207 Reading and Writing in the Content Areas**

Credits:

4.00

Description:

In-depth investigation of leading theoretical approaches to teaching reading and writing in the content areas. Topics include: diagnosing problems, individualizing instruction, understanding IEP's, and integrating reading and writing into the curriculum and instruction. Normally offered yearly.

Type:

Social Science

• **EHS-208 Service Learning: College Access**

Prerequisites:

Instructor's Consent required

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

Type:

Expanded Classroom Requirement, Social Science

• **EHS-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.

- **EHS-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

Type:

Social Science

- **EHS-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

Type:

- **EHS-311 Curriculum and Pedagogy: Middle School**

Prerequisites:

This course fulfills the Expanded Classroom Requirement

Credits:

4.00

Description:

Introduces students to the basic competencies of Middle 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. Normally offered yearly.

Type:

Social Science

- **EHS-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

Type:

Expanded Classroom Requirement, Social Science

- **EHS-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

Type:

Social Science

- **EHS-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

Type:

Social Science

- **EHS-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

Type:

Social Science

- **EHS-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

Type:

Social Science

- **EHS-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

Type:

Social Science

• EHS-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

Type:

Social Science

• EHS-421 Curriculum Theory

Credits:

4.00

Description:

Examines major realism, idealism, pragmatism, existentialism, and other ideas as they relate to public and private K-16 education systems. Normally offered alternate years.

Type:

Social Science

• EHS-422 Curriculum Development

Credits:

4.00

Description:

Students will explore methods and techniques of needs assessment, disciplinary literature reviews, and prepare objectives, linked units, and curriculum guides on a focused topic. Normally offered alternate years.

Type:

Social Science

- **EHS-423 Curriculum Theory and Development**

Credits:

4.00

Description:

Examines major realism, idealism, pragmatism, existentialism, and other ideas as they relate to public and private k-16 education systems. Students will explore methods and techniques of needs assessment, disciplinary literature reviews, and prepare objectives, linked units, and curriculum guides on a focused topic.

- **EHS-424 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

Type:

Social Science

- **EHS-430 Issues in College Access & Success**

Prerequisites:

Instructor permission required

Credits:

4.00

Description:

Issues pertaining to college access and success with respect to underrepresented students will be explored within a Pre-K thru 16 continuum framework that views students' college choice and success as a complex and interwoven by-product of numerous socio-political, socio-economic and socio-cultural factors. Emphasis will be placed on the body of college access literature that centers the collegiate experiences and outcomes as being intrinsically and unavoidably linked to structural factors, decisions, plans and actions taken by students and their families in the pre-college, or Pre-K-12, context.

Term:

Occasional

Type:

Social Science

- **EHS-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.

Type:

Social Science

- **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:

Social Science

- **SOC-116 Social Problems**

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:

Social Science

- **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 116; and MATH 130 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 Reasoning

• 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

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

Type:

Social Science,Cultural Diversity Opt A

- **SOC-218 Crime and Law in Indian Country**

Credits:

4.00

Description:

What happens if you commit a crime on an Indian reservation? Who will prosecute you and how will they punish you? This course will explore the roots of tribal legal systems and criminal law, both the Native and American influences. You will gain an understanding of tribal government, legal systems, criminal law, and the role of tradition in contemporary tribal law. The course will also examine the conflict between Native and Non-Native perspectives on several cases: sovereignty, rights to cultural practices, women, freedom of religion, and land.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SOC-H218 Honors Crime and Law in Indian Country**

Credits:

4.00

Description:

What happens if you commit a crime on an Indian reservation? Who will prosecute you and how will they punish you? This course will explore the roots of tribal legal systems and criminal law, both the Native and American influences. You will gain an understanding of tribal government, legal systems, criminal law, and the role of tradition in contemporary tribal law. The course will also examine the conflict between Native and Non-Native perspectives on several cases: sovereignty, rights to cultural practices, women, freedom of religion, and land.

Type:

Cultural Diversity Opt A

- **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-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

Type:

Social Science

- **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:

Social Science

- **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

Type:

Expanded Classroom Requirement

- **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

Type:

Cultural Diversity Opt A

- **SOC-228 Culture Diversity & Human Need**

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

Type:

Cultural Diversity Opt A

- **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

Type:

Cultural Diversity Opt A

- **SOC-231 Victims of Crime**

Credits:

4.00

Description:

In recent years, public attention to victims of crime has grown enormously. The reasons for this are complex. They include the effects of political organizing by crime victims; increased media attention to crime (often driven by crime stories as entertainment and advertising vehicles); the exploitation of crime victims by the politicians; and long-standing community frustrations with the criminal justice system. This course will examine the rise of public attention to crime, the response of the criminal justice system to victims, and the problems and possibilities regarding new responses to victims of crime. New developments in restorative justice will be presented as an emerging alternative to problems victims have reported with the criminal justice system.

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.

Type:

Cultural Diversity Opt A

- **SOC-234 Criminal Justice Systems**

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

Type:

Social Science

• **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

Type:

Cultural Diversity Opt A

• **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-243 Introduction to Health & Human Services**

Credits:

4.00

Description:

A survey of the fundamental values, organization and methods of practice of the major health and human services delivery systems. Problems associated with resource allocation and client base needs in the context of economic and political priorities are discussed. Alternative role models for professional workers in public and private settings are also evaluated.

Term:

Occasional

- **SOC-244 Social Work With Families**

Credits:

4.00

Description:

This course will provide an in-depth analysis of family dynamics as well as some beginning skills in counseling families. Using a systems approach, students will learn about family roles, sibling constellations and different types of families. The importance of ethnicity and culture in shaping family values and organization will be emphasized. Students will be encouraged to study their own families of origin so they might better understand how families change.

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 U.S. Health Care Landscapes**

Prerequisites:

This course fulfills the ECR requirement.

Credits:

4.00

Description:

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:

Expanded Classroom Requirement

• **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-264 Technology and Society**

Credits:

4.00

Description:

An examination of the ways in which social structures and processes influence and are affected by modern ideas, needs and social practice techniques in technologically advanced societies is considered in conjunction with changes in the way in which we understand the world, the nature of work and leisure, the processing of information and the character of social institutions. Normally offered alternate years. Fulfills the Social Science Option. Fulfills the Sociology Department's Social Policy requirement.

Type:

Social Science

- **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

Type:

Cultural Diversity Opt A

- **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-283 Soc of Work & Occupations**

Credits:

4.00

Description:

A discussion of the world of modern work that includes the origins of contemporary industry and job characteristics, the current industrial and occupational picture, and the future of human labor. Attention is given to conditions of work, problems of alienation, occupational and role changes, and worker control of work life.

- **SOC-285 Terrorism and Counterterrorism**

Credits:

4.00

Description:

This course is designed to give students an overview of Terrorism and its impact on American society. It will examine various aspects of terrorism for a local, national and international perspective. It will examine the consequences of terrorism focusing on social responses and public policy issues.

Term:

Occasional

- **SOC-286 Women and Work**

Credits:

4.00

Description:

An exploration of the relationship between gender roles, work environments, and careers in American society. The problems and prospects faced by women in the world of work are considered with special attention to power and sexism in the workplace, domestic vs. organizational work, role conflicts for working women, and the relationship between changing images of women and changing patterns of female employment. Policy requirement.

Term:

Occasional

Type:

Cultural Diversity Opt A

- **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-302 Global Criminology**

Credits:

4.00

Description:

This course provides an overview of several different types of justice systems around the world, including the U.S. The overall goals of the course are for students to understand that the manifestations of a 'justice system' exist in multiple forms and that there are strengths and weaknesses to each type of system. Students will better understand that through the cultural context including social, political, historical, and economic factors that shape crime and criminal justice responses. Course may include a study abroad component.

Term:

Occasional

Type:

Cultural Diversity Opt B

- **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 Sociological Theory**

Prerequisites:

SOC 113 or 116 with a grade of C or better and one other SOC course; CANNOT be taken concurrently with SOC 214; Majors/Minors only.

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-320 Ireland and the Irish**

Credits:

4.00

Description:

A look at the Irish in Ireland and America with a special focus on the uniqueness of Irish culture and society and their place in the world community. Attention will be given to Ireland's past, current social conditions, and directions of change, stressing the totality and interrelatedness of the Irish experience. This case study will illustrate social science concepts such as the peripheral society, the social construction of the immigrant experience, the roles and effects of organizations in a society, and the significance of social context. requirement.

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

Type:

Cultural Diversity Opt A

- **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-326 Protest and Social Change**

Credits:

4.00

Description:

An exploration of recent and contemporary protest movements. Cases studied may include Civil Rights women's movement, environmental, militia, and new right, gay and lesbian, labor, etc. Movement issues such as goals, tactics, use of violence, use of media cultural politics, social control and repression will be considered. Under what conditions do protest movements succeed or fail in bringing desired social change?

Term:

Occasional

Type:

Cultural Diversity Opt A,BSBA SOCIAL CHANGE

- **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

Type:

Cultural Diversity Opt B

• **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

Type:

Cultural Diversity Opt B

• **SOC-333 Sociology of Crime**

Prerequisites:

Take SOC-113 or SOC-116 with a minimum grade of C; Take one 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-339 Sociology of Violence**

Credits:

4.00

Description:

A description of violence in the United States. This course emphasizes the historical development and utilization of violence from a sociological perspective. Social, political, and personal violence will be examined and an attempt will be made to develop some theoretical orientations that may be used to both explain and prevent violence.

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

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B

- **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-345 Get a Job: Welfare and Welfare Reform**

Prerequisites:

SOC 113 or SOC 116

Credits:

4.00

Description:

In 1996, Congress passed the Personal Responsibility and Work Opportunity Act (PRWORA), which requires states to reduce welfare caseloads by requiring recipients to work and limiting the number of years a family can receive benefits. This course will explore the history of welfare in the United States and the various efforts to reform it. Students will examine social, economic, and political forces that have driven recent reforms as well as exploring the interaction between race, gender, and poverty as they relate to welfare dependency and reform.

• 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

Type:

Cultural Diversity Opt A

• 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

Type:

Cultural Diversity Opt B

- **SOC-374 Diversity Among Women**

Credits:

4.00

Description:

An exploration of the diverse experiences of womanhood as shaped by race, ethnicity, class, sexuality, age and physical ability. The course examines the commonalities women share and considers what women's differences suggest about an agenda for change. Issues such as workplace equality, family, policy, violence against women, sexuality are studied. How do diverse women, along with men allies, build alliances and work together for social transformation? Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- **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

- **SOC-380 Special Topics in Sociology: Peer Tutoring**

Prerequisites:

Instructor's consent; ECR

Credits:

4.00

Description:

Specialized topics based on peer tutoring research and development. Content, prerequisites and hours to be announced.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **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:

Take SOC 113 or SOC 116 and one 200 level or above SOC course.

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:

Cultural Diversity Opt A, Expanded Classroom Requirement

- **SOC-433 Senior Seminar**

Prerequisites:

SOC 113 or 116 (with a grade of C or better) and SOC-214; Seniors Only; Required for all Crime and Justice Concentration 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-443 Seminar in Health, Medicine, & the Body**

Prerequisites:

Senior standing required for all Health and Human Services majors

Credits:

4.00

Description:

An overview of the historical development and current concerns in the health and human services. Students select an area of interest and develop individualized study plans. The purpose of this course is to summarize and refine accumulated knowledge in this area. Students will demonstrate knowledge by engaging in a significant research project.

Term:

Occasional

• **SOC-453 Seminar in Sociology**

Prerequisites:

SOC 113 or SOC 116 with a minimum grade of a C; SOC 214; SOC 310, SOC 315, or SOC 333; Seniors only.

Credits:

4.00

Description:

This course will explore topics in sociology, requiring students to synthesize their learning in sociology to analyze research and develop their own study plans. The purpose of this course is to summarize and refine accumulated knowledge in sociology. Students will demonstrate knowledge by engaging in a significant research project.

Term:

Occasional

• **SOC-483 Professional Practicum I**

Prerequisites:

To be eligible for the course, students must be a Sociology major; have one full day free each week; must have junior status at the time of application; must be in good academic standing; and must be in good standing with the Sociology Department. Applications for the Professional Practicum I must be approved by the Instructor. Normally offered every Fall and Spring. This course fulfills the ECR requirement.

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

Type:

Expanded Classroom Requirement

- **SOC-484 Professional Practicum II**

Prerequisites:

To be eligible for the course, students must be a Sociology major; have successfully completed Professional Practicum I; have one full day free each week; must be in academic good standing; and must be in good standing with the Sociology Department. Applications for the Professional Practicum II must be approved the Instructor. Normally offered every Fall and Spring. This course fulfills the ECR requirement.

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

Type:

Expanded Classroom Requirement

- **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

2013-2014 Archived Catalog Information

Spanish Major and Minor

Interest in the study of Spanish has doubled worldwide. Spanish is spoken by approximately 500 million people worldwide and is the primary language of discourse in 21 countries. It is also the second most used language in international communication. Spain is now the world's ninth most powerful economy and it is ranked as the tenth most popular destination for investment. The countries of Latin America are becoming important commercial partners of the US.

Suffolk students who decide to study Spanish have several choices. They can pursue a traditional BA, which involves a thorough study of language, literature and civilization, or choose a major in Latin American and Caribbean studies. This multidisciplinary program in the humanities and social sciences prepares students to pursue their post-graduate interests in international organizations, education, business, government, communications and journalism. Students may also choose to combine their degrees in Spanish and international business or economics to prepare for the global economy. A minor in Spanish is also offered.

Students can explore our own collection of films and instructional videos, write for our online news magazine, "Entérate," or participate in our weekly conversation sessions, "Tertulias," run by tutors who come from all regions of the Spanish-speaking world. The study abroad program at our campus in Madrid, Spain provides students with a variety of educational experiences in Spanish for an academic year, a semester or a summer session.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major](#)
- [Minor](#)
- [Spanish Culture and Civilization Courses Offered in English](#)
- [Suggested Course Sequence](#)
- [Honors](#)
- [Spanish Courses](#)

Prerequisites:

- SPAN-201 Intermediate Spanish I

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

A systematic review of Spanish grammar and study of Spanish through materials of cultural interest. Development of written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-202 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:

BA FOREIGN

OR SPAN-203 Intensive Intermediate Spanish

Note: To qualify for admittance to the major, a student must complete the prerequisite with an average grade of "B."

Eight Advanced Courses (32 credits)

The list must include the following:

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

Prerequisites:

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

Credits:

4.00

Description:

Further development of written and oral skills in various contexts. 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 will include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

BA FOREIGN

• SPAN-300 Intro to Cultural Texts

Prerequisites:

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

Credits:

4.00

Description:

An exploration of some key Peninsular and Latin American cultural materials: works in four different literary genres (narrative, drama, essay and poetry), films, and songs. Development of specialized vocabulary and critical skills required in more advanced Spanish courses, through close readings and textual analysis.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

• SPAN-301 Spanish Culture and Civilization

Prerequisites:

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

Credits:

4.00

Description:

A survey of Hispanic Civilization emphasizing the contributions of Spanish-speaking peoples to the Western tradition in art, thought and letters. Concentration on the Iberian Peninsula, with an emphasis on the contributions of Christian, Jewish and Moslem cultures in Spain.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **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:

A survey of the civilization of Latin America highlighting its historical development, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music and film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

Note:

A maximum of two courses from the following list can count toward the major (with supplemental activities in Spanish):

- **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:

A survey of films from Argentina, Mexico, Cuba, and other Latin American countries. Taking the Cuban Revolution as our point of departure we shall explore the relationship between film and society and think about how our own understanding of a culture and its history is often shaped by the images that we receive on the screen. All films shown in Spanish with English subtitles. Discussions in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• **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:

The myth of a singular Latino experience in the United States will be examined through a variety of genres and authors. Issues of heritage, identity and the joys, struggles and challenges of growing up Latino/a also will be addressed. Among the writers read will be Sandra Cisneros, "House on Mango Street," Junot Diaz, "Drown," Esmeralda Santiago, "When I Was Puerto Rican," Tato Laviera, "AmeRican."

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• **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:

This course examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers we will study represent mainstream as well as marginal voices which address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean and Mexico. All texts available in both Spanish and English translation.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B,BA FOREIGN

AP Credit:

Incoming students who receive a score of "4" or "5" on the AP Spanish examination have fulfilled the 202/203 prerequisite for the major.

A maximum of four courses taken at other institutions or as part of a department-approved study abroad program in a Spanish-speaking country, including our Madrid Campus, may apply toward the major.

Departmental Honors:

Candidates must register for SPAN 502 in the fall semester of the senior year and complete an honors thesis under the supervision of a faculty member. SPAN 502 counts toward completion of the major.

Any Seminar for Freshmen with a topic related to the Spanish-speaking world (e.g., culture, politics, society) counts toward the major.

Students who receive a score of "sem4+" on the Spanish online placement test have fulfilled the 201, 202/203 prerequisite for the major.

2013-2014 Archived Catalog Information

Spanish Major and Minor

Interest in the study of Spanish has doubled worldwide. Spanish is spoken by approximately 500 million people worldwide and is the primary language of discourse in 21 countries. It is also the second most used language in international communication. Spain is now the world's ninth most powerful economy and it is ranked as the tenth most popular destination for investment. The countries of Latin America are becoming important commercial partners of the US.

Suffolk students who decide to study Spanish have several choices. They can pursue a traditional BA, which involves a thorough study of language, literature and civilization, or choose a major in Latin American and Caribbean studies. This multidisciplinary program in the humanities and social sciences prepares students to pursue their post-graduate interests in international organizations, education, business, government, communications and journalism. Students may also choose to combine their degrees in Spanish and international business or economics to prepare for the global economy. A minor in Spanish is also offered.

Students can explore our own collection of films and instructional videos, write for our online news magazine, "Entérate," or participate in our weekly conversation sessions, "Tertulias," run by tutors who come from all regions of the Spanish-speaking world. The study abroad program at our campus in Madrid, Spain provides students with a variety of educational experiences in Spanish for an academic year, a semester or a summer session.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major](#)
- [Minor](#)
- [Spanish Culture and Civilization Courses Offered in English](#)
- [Suggested Course Sequence](#)
- [Honors](#)
- [Spanish Courses](#)

Prerequisites:

- SPAN-201 Intermediate Spanish I

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

A systematic review of Spanish grammar and study of Spanish through materials of cultural interest. Development of written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-202 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:

BA FOREIGN

OR SPAN-203 Intensive Intermediate Spanish

Note: To qualify for admittance to the minor, a student must complete the prerequisite with an average grade of "B."

Four Advanced Courses

(Beyond the intermediate level [SPAN 202 or SPAN 203])

The list must include the following:

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

Prerequisites:

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

Credits:

4.00

Description:

Further development of written and oral skills in various contexts. 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 will include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

BA FOREIGN

• SPAN-300 Intro to Cultural Texts

Prerequisites:

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

Credits:

4.00

Description:

An exploration of some key Peninsular and Latin American cultural materials: works in four different literary genres (narrative, drama, essay and poetry), films, and songs. Development of specialized vocabulary and critical skills required in more advanced Spanish courses, through close readings and textual analysis.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

• SPAN-301 Spanish Culture and Civilization

Prerequisites:

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

Credits:

4.00

Description:

A survey of Hispanic Civilization emphasizing the contributions of Spanish-speaking peoples to the Western tradition in art, thought and letters. Concentration on the Iberian Peninsula, with an emphasis on the contributions of Christian, Jewish and Moslem cultures in Spain.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **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:

A survey of the civilization of Latin America highlighting its historical development, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music and film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

OR SPAN-303 Modern and Contemporary Latin America

Note:

A maximum of one course from the following list can count toward the minor (with supplemental activities in Spanish):

- **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:

A survey of films from Argentina, Mexico, Cuba, and other Latin American countries. Taking the Cuban Revolution as our point of departure we shall explore the relationship between film and society and think about how our own understanding of a culture and its history is often shaped by the images that we receive on the screen. All films shown in Spanish with English subtitles. Discussions in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• **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:

The myth of a singular Latino experience in the United States will be examined through a variety of genres and authors. Issues of heritage, identity and the joys, struggles and challenges of growing up Latino/a also will be addressed. Among the writers read will be Sandra Cisneros, "House on Mango Street," Junot Diaz, "Drown," Esmeralda Santiago, "When I Was Puerto Rican," Tato Laviera, "AmeRican."

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• **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:

This course examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers we will study represent mainstream as well as marginal voices which address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean and Mexico. All texts available in both Spanish and English translation.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B,BA FOREIGN

AP and Other Credit:

Incoming students who receive a score of "4" or "5" on the AP Spanish examination have fulfilled the 202/203 prerequisite 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, including our Madrid Campus, may apply toward the minor.

Any Seminar for Freshmen with a topic related to the Spanish-speaking world (e.g., culture, politics, society) counts toward the minor.

Students who receive a score of "sem4+" on the Spanish online placement test have fulfilled the 202/203 prerequisite for the minor.

2013-2014 Archived Catalog Information

Spanish Major and Minor

Interest in the study of Spanish has doubled worldwide. Spanish is spoken by approximately 500 million people worldwide and is the primary language of discourse in 21 countries. It is also the second most used language in international communication. Spain is now the world's ninth most powerful economy and it is ranked as the tenth most popular destination for investment. The countries of Latin America are becoming important commercial partners of the US.

Suffolk students who decide to study Spanish have several choices. They can pursue a traditional BA, which involves a thorough study of language, literature and civilization, or choose a major in Latin American and Caribbean studies. This multidisciplinary program in the humanities and social sciences prepares students to pursue their post-graduate interests in international organizations, education, business, government, communications and journalism. Students may also choose to combine their degrees in Spanish and international business or economics to prepare for the global economy. A minor in Spanish is also offered.

Students can explore our own collection of films and instructional videos, write for our online news magazine, "Entérate," or participate in our weekly conversation sessions, "Tertulias," run by tutors who come from all regions of the Spanish-speaking world. The study abroad program at our campus in Madrid, Spain provides students with a variety of educational experiences in Spanish for an academic year, a semester or a summer session.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major](#)
- [Minor](#)
- [Spanish Culture and Civilization Courses Offered in English](#)
- [Suggested Course Sequence](#)
- [Honors](#)
- [Spanish Courses](#)

Note: Supplemental activities in Spanish are required for majors and minors.

- **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:

A survey of films from Argentina, Mexico, Cuba, and other Latin American countries. Taking the Cuban Revolution as our point of departure we shall explore the relationship between film and society and think about how our own understanding of a culture and its history is often shaped by the images that we receive on the screen. All films shown in Spanish with English subtitles. Discussions in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• 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:

The myth of a singular Latino experience in the United States will be examined through a variety of genres and authors. Issues of heritage, identity and the joys, struggles and challenges of growing up Latino/a also will be addressed. Among the writers read will be Sandra Cisneros, "House on Mango Street," Junot Diaz, "Drown," Esmeralda Santiago, "When I Was Puerto Rican," Tato Laviera, "AmeRican."

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• 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:

This course examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers we will study represent mainstream as well as marginal voices which address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean and Mexico. All texts available in both Spanish and English translation.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B,BA FOREIGN

2013-2014 Archived Catalog Information

Spanish Major and Minor

Interest in the study of Spanish has doubled worldwide. Spanish is spoken by approximately 500 million people worldwide and is the primary language of discourse in 21 countries. It is also the second most used language in international communication. Spain is now the world's ninth most powerful economy and it is ranked as the tenth most popular destination for investment. The countries of Latin America are becoming important commercial partners of the US.

Suffolk students who decide to study Spanish have several choices. They can pursue a traditional BA, which involves a thorough study of language, literature and civilization, or choose a major in Latin American and Caribbean studies. This multidisciplinary program in the humanities and social sciences prepares students to pursue their post-graduate interests in international organizations, education, business, government, communications and journalism. Students may also choose to combine their degrees in Spanish and international business or economics to prepare for the global economy. A minor in Spanish is also offered.

Students can explore our own collection of films and instructional videos, write for our online news magazine, "Entérate," or participate in our weekly conversation sessions, "Tertulias," run by tutors who come from all regions of the Spanish-speaking world. The study abroad program at our campus in Madrid, Spain provides students with a variety of educational experiences in Spanish for an academic year, a semester or a summer session.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major](#)
- [Minor](#)
- [Spanish Culture and Civilization Courses Offered in English](#)
- [Suggested Course Sequence](#)
- [Honors](#)
- [Spanish Courses](#)

BA in French/German/Spanish – Sample Schedule

Freshman Year (8 courses, 32 Credits)

FR/GER/SPAN 201-202 (8)
Seminar for Freshmen (4)
ENG 101-102 (8)
MATH 130 or equivalent (4)
SCI 123 (4)
Social Science requirement (4)]

Sophomore Year (8 courses, 32 Credits)

FR 205/GER 304/SPAN 290 or 300 (4)

FR 301 or 302/GER 302/SPAN 301 (4)

FR Elective/GER 412/SPAN 302 (4)

History/Humanities requirement (4)

Science requirement (with lab) (4)

Cultural Diversity A or B (4)

Ethics Requirement (4)

Free Elective or Minor (4)

Junior Year (8 courses, 32 Credits)

FR 309/GER 310/SPAN Elective (4)

FR 310/GER Elective/SPAN Elective (4)

FR/GER/SPAN Elective (4)

Cultural Diversity A or B (4)

Literature requirement (4)

Free Elective or Minor (4)

Free Elective or Minor (4)

Free Elective or Minor (4)

One course fulfilling Expanded Classroom Requirement OR Study Abroad (full year or spring semester)

Senior Year (8 courses, 32 Credits)

FR/GER/SPAN Elective (4)

FR/GER/SPAN Elective OR FR/GER/SPAN 502: Honors Thesis (fall semester)
(4)

Free Elective or Minor (4)

Free Elective or Minor (4)

Free Elective (4)

Free Elective (4)

Free Elective (4)

Free Elective (4)

2013-2014

2013-2014

2013-1

2013-2014 Archived Catalog Information

Spanish Major and Minor

Interest in the study of Spanish has doubled worldwide. Spanish is spoken by approximately 500 million people worldwide and is the primary language of discourse in 21 countries. It is also the second most used language in international communication. Spain is now the world's ninth most powerful economy and it is ranked as the tenth most popular destination for investment. The countries of Latin America are becoming important commercial partners of the US.

Suffolk students who decide to study Spanish have several choices. They can pursue a traditional BA, which involves a thorough study of language, literature and civilization, or choose a major in Latin American and Caribbean studies. This multidisciplinary program in the humanities and social sciences prepares students to pursue their post-graduate interests in international organizations, education, business, government, communications and journalism. Students may also choose to combine their degrees in Spanish and international business or economics to prepare for the global economy. A minor in Spanish is also offered.

Students can explore our own collection of films and instructional videos, write for our online news magazine, "Entérate," or participate in our weekly conversation sessions, "Tertulias," run by tutors who come from all regions of the Spanish-speaking world. The study abroad program at our campus in Madrid, Spain provides students with a variety of educational experiences in Spanish for an academic year, a semester or a summer session.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major](#)
- [Minor](#)
- [Spanish Culture and Civilization Courses Offered in English](#)
- [Suggested Course Sequence](#)
- [Honors](#)
- [Spanish Courses](#)

In order to be considered for honors in French, German, humanities, or 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 GPA in French, German, humanities, or Spanish courses.
2. Honors candidates should register for French, German, humanities (art history, music history, or general humanities), or 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.

2013-2014 Archived Catalog Information

Spanish Major and Minor

Interest in the study of Spanish has doubled worldwide. Spanish is spoken by approximately 500 million people worldwide and is the primary language of discourse in 21 countries. It is also the second most used language in international communication. Spain is now the world's ninth most powerful economy and it is ranked as the tenth most popular destination for investment. The countries of Latin America are becoming important commercial partners of the US.

Suffolk students who decide to study Spanish have several choices. They can pursue a traditional BA, which involves a thorough study of language, literature and civilization, or choose a major in Latin American and Caribbean studies. This multidisciplinary program in the humanities and social sciences prepares students to pursue their post-graduate interests in international organizations, education, business, government, communications and journalism. Students may also choose to combine their degrees in Spanish and international business or economics to prepare for the global economy. A minor in Spanish is also offered.

Students can explore our own collection of films and instructional videos, write for our online news magazine, "Entérate," or participate in our weekly conversation sessions, "Tertulias," run by tutors who come from all regions of the Spanish-speaking world. The study abroad program at our campus in Madrid, Spain provides students with a variety of educational experiences in Spanish for an academic year, a semester or a summer session.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major](#)
- [Minor](#)
- [Spanish Culture and Civilization Courses Offered in English](#)
- [Suggested Course Sequence](#)
- [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. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-102 Elementary Spanish II**

Prerequisites:

SPAN 101 or Instructor's consent

Credits:

4.00

Description:

A continuation of skills development from 101. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **SPAN-105 Overview of Spanish Culture**

Credits:

1.00

Description:

This course, open only to students from Maryville University of St. Louis, offers a broad survey of Spanish history and culture. It focuses principally on key elements of geography, history, sociology, politics and traditions. The course will place special emphasis on Spanish culture and its problematic modernization, which is an issue with very important consequences for the intellectual productivity of this country.

- **SPAN-201 Intermediate Spanish I**

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

A systematic review of Spanish grammar and study of Spanish through materials of cultural interest. Development of written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-202 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:

BA FOREIGN

- **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

Type:

BA FOREIGN

- **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:

Further development of written and oral skills in various contexts. 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 will include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-299 Translation Workshop**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent

Credits:

4.00

Description:

This course aims to introduce students to translation techniques through direct practice and to consider what makes a good translation. Material will be selected from a wide variety of sources and will increase in difficulty as the course goes on. The emphasis will be on translation from Spanish into English, but some work will be done on translation into Spanish. Students will be expected to complete regular homework assignments for which grades will be given. (Madrid campus only)

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

Prerequisites:

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

Credits:

4.00

Description:

An exploration of some key Peninsular and Latin American cultural materials: works in four different literary genres (narrative, drama, essay and poetry), films, and songs. Development of specialized vocabulary and critical skills required in more advanced Spanish courses, through close readings and textual analysis.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement, BA FOREIGN

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

Prerequisites:

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

Credits:

4.00

Description:

A survey of Hispanic Civilization emphasizing the contributions of Spanish-speaking peoples to the Western tradition in art, thought and letters. Concentration on the Iberian Peninsula, with an emphasis on the contributions of Christian, Jewish and Moslem cultures in Spain.

Term:

Alternates Fall & Spring

Type:

- **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:

A survey of the civilization of Latin America highlighting its historical development, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music and film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **SPAN-305 Living in Translation**

Prerequisites:

SPAN 250, 290, or 300 or Instructor's consent.

Credits:

4.00

Description:

An introduction to some of the basic techniques applied in translating the written and spoken word. Examples will be drawn from literature, the mass media and professional sources. Additional grammar review provided as needed.

Term:

Occasional

- **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)

Type:

BA FOREIGN

- **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:

BA FOREIGN

• SPAN-370 Jewish, Islamic, & Christian Spain

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent. SPAN 350 is strongly recommended

Credits:

4.00

Description:

An exploration of the diverse facets of Jewish-Muslim-Christian convivencia (dwelling together, coexistence). The course focuses on religious, cultural, economic and psychological aspects of contemporary Spain which owe their very existence to the history of multiculturalism in Spain. Visits to significant cities such as Toledo, will offer the student the possibility of experiencing first-hand the rich and diverse cultural heritage of present-day Spain. The primary goal of this course is to offer examples of peaceful and fruitful cooperation among the three major religions of the world and to prove that such an ideal is not a utopia. (Madrid campus only)

Type:

BA FOREIGN

• SPAN-390 Introduction to Latin American and Caribbean Literature

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Authors from Latin America and the Caribbean will be examined in their historical and cultural contexts. Readings and class discussions will 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 Ines de la Cruz, Jose Marti, Jorge Luis Borges, and Giaconda Belli will be among some of the writers studied.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

• SPAN-401 Classical Spanish Literature

Prerequisites:

SPAN 300; SPAN 301 is strongly recommended.

Credits:

4.00

Description:

A survey of Spanish literature from El Poema del Cid to El Quijote with emphasis on cultural currents and their relationship to the history of the period. Readings include poetry, drama and prose.

Term:

Occasional

Type:

Humanities Literature Requirement,BA FOREIGN

• SPAN-402 Social Literature of Latin America

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

The relationship between social history, cultural identity and artistic expression will be explored through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, truth, mass culture and gender will be among the issues addressed. Readings will include novel, short story, poetry and drama. Films and documentaries will also be considered to further illustrate the connections between society and text.

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities Literature Requirement,BA FOREIGN

• SPAN-405 Women's Voices in Latin America

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Through fiction, non-fiction, drama, poetry and film, this course will explore the changing roles of women in Mexico, the Caribbean, Central and South America. Special focus will be placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• **SPAN-407 Latin American Short Narrative**

Prerequisites:

Spanish 300; or Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

An exploration of some of the major trends in twentieth century Latin American story telling. Readings reflect the vast array of voices and styles, beginning with the fantastic literature of the 1930's, the birth of magical realism and the more contemporary socio-political narratives. Authors will include Maria Luisa Bombal, Julio Cortazar, Rosario Castellanos, Gabriel Garcia Marquez, Juan Rulfo, Luisa Valenzuela, among others.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

• **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:

A survey of films from Argentina, Mexico, Cuba, and other Latin American countries. Taking the Cuban Revolution as our point of departure we shall explore the relationship between film and society and think about how our own understanding of a culture and its history is often shaped by the images that we receive on the screen. All films shown in Spanish with English subtitles. Discussions in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **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:

The myth of a singular Latino experience in the United States will be examined through a variety of genres and authors. Issues of heritage, identity and the joys, struggles and challenges of growing up Latino/a also will be addressed. Among the writers read will be Sandra Cisneros, "House on Mango Street," Junot Diaz, "Drown," Esmeralda Santiago, "When I Was Puerto Rican," Tato Laviera, "AmeRican."

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

• 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)

Type:

BA FOREIGN

• 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:

This course examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers we will study represent mainstream as well as marginal voices which address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean and Mexico. All texts available in both Spanish and English translation.

Term:

Occasional

Type:

Humanities Literature Requirement, Cultural Diversity Opt B, BA FOREIGN

• SPAN-423 Spanish Women Writers: Narrating the Self

Prerequisites:

Take SPAN-290 or SPAN-300; or instructor's consent. SPAN-350 is strongly recommended

Credits:

4.00- 8.00

Description:

A selection of representative examples of Spanish narrative from the 19th century to the present will be studied in the context of current feminist and psycho-critical theories. Readings will include domestic writings by the mid-century generation; Romantic, Realist, and Modernist writers, and narratives of both the post-war generation and the new wave of Contemporary women writers. Prerequisite: Spanish 290 or 300 or consent of instructor.

Language of instruction: Spanish (Madrid campus only)

Type:

BA FOREIGN

• 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:

This course will focus on the dynamic relationships that exist between art (both visual and lyrical) and the written word. By reading twentieth century authors from Latin America and the Caribbean and juxtaposing their work with that of other artists who explore similar themes, students will examine the multiple ways in which art and literature contribute to our understanding of life in Latin America and the Caribbean. Music, paintings, photography, poetry, and prose will be among some of the genres studied.

Term:

Occasional

Type:

BA FOREIGN

• SPAN-427 Border Theater in the New Millennium

Prerequisites:

SPAN 290 or 300 or Instructor's consent

Credits:

4.00

Description:

One hundred and sixty 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- Mexico Border. Emphasis will be on contemporary border theater and film. The works of Salcedo, Mijares, Rascon Banda, and others will be studied as well as contemporary films and documentaries such as "Senorita Extraviada", "The Gatekeeper", "Crossing Arizona", and much more.

Term:

Occasional

Type:

BA FOREIGN

• **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 will closely examine the contemporary world of Latin American Theatre. A study of basic theatre concepts and methodology will prepare 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 will also be part of the course framework.

Term:

Occasional

Type:

BA FOREIGN

• **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

Type:

BA FOREIGN

• **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

Type:

BA FOREIGN

• **SPAN-T301 Business Spanish Tutorial**

Prerequisites:

Instructor's consent.

Credits:

1.00

Description:

Tutorial studies of the terminology, organization and practice of business in the Spanish-speaking world.

Term:

Alternates Fall & Spring

• **SPAN-T302 Business Spanish Tutorial**

Prerequisites:

Instructor's consent.

Credits:

1.00- 2.00

Description:

Tutorial studies of the terminology, organization and practice of business in the Spanish-speaking world.

Term:

Alternates Fall & Spring

2013-2014 Archived Catalog Information

Statistics Program

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 Program Courses](#)

- **STATS-240 Introduction to Statistics**

Prerequisites:

Math 130 or higher.

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. Prerequisite: Math 130 or higher. 1 term - 4 credits (4 hours per week). Normally offered each semester.

Type:

Quantitative Reasoning

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 130, MATH 134, MATH 146 OR MATH 165

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 Reasoning

- **STATS-H250 Honors Applied Statistic**

Prerequisites:

MATH 130, 134, 146, or 165; Honors Course; GPA of 3.2

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:

Quantitative Reasoning

- **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.

Type:

- **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.

2013-2014 Archived Catalog Information

Theatre

The Suffolk University Department of Theatre provides students with a well-rounded liberal arts education that integrates practical, experiential learning with the study of theatre history and literature.

Students discover, articulate, and achieve their own creative vision by collaborating with faculty, staff and guest artists in productions that explore classics and new work.

Because our team is well connected with the professional Boston theatre community, we empower students to develop skills and knowledge through internships with professional companies at Suffolk's Modern Theatre and in the wider world.

We offer the theatre major in both the BA and the BS, as well as a minor.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Theatre Major](#)
- [Theatre Minor](#)
- [Boston Music Theatre Project](#)
- [Theatre Courses](#)

Theatre majors pursue a rigorous course of study designed to develop creative, analytical, interpretive, and interpersonal skills that are applicable to a wide range of professional pursuits. We emphasize the expansive and provocative ways that the study of theatre illuminates and integrates knowledge from a variety of disciplines.

Requirements for the Theatre Major (8-11 courses, 32-44 credits)

Core Requirements (8 courses, 31-32 credits)

All students must take:

- **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

Select Two:

- **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

Type:

Humanities & History, Humanities Literature Requirement

- **THETR-267 Introduction to Theatre Arts III**

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

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• **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

• **THETR-465 The American Resident Theatre**

Credits:

4.00

Description:

This course will examine some of the principal art theatres in this country beginning with the early days of the Provincetown Players and continuing up to the present day. By examining material about their histories, often written by their founding directors, students will determine when these theatres fed off each other's ideas and ideals, and when they set off in entirely new directions. The course will also explore the viability of not-for-profit institutions in a corporate society.

Term:

Occasional

• **THETR-469 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

Type:

Humanities & History, Humanities Literature Requirement

Select One:

• **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

- **THETR-150 Dance: Jazz II**

Credits:

4.00

Description:

An exploration of jazz technique and style with students at the beginner to intermediate level. This is a largely experiential course with a written component. Classes will consist of a warm-up followed by more challenging floor exercises and sequences. Students are expected to dress in dance attire. Students will choreograph their own dances individually or in groups to be performed at the end of the semester. Some dance experience is required.

- **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-487 Stage Management II**

Credits:

4.00

Description:

Building on the skills learned in Stage Management I, Stage Management II will provide an in-depth study of how to support and manage rehearsals and performances of diverse genres such as opera, dance, and theatre. Special attention will be paid to anticipating a wide range of needs from professional artists, union regulations, cueing and calling shows; and to further develop student's communication skills. Internships with professional arts organizations may be arranged. Normally offered every other year.

Term:

Occasional

Select any one musical theatre course:

- **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

- **THETR-234 Acting the Song**

Credits:

4.00

Description:

This studio course will focus on techniques to develop fresh, organic interpretations of musical theatre songs that illuminate not only the nuances of the music and lyric but the character singing as well. Working with classic musicals from the 1920s - 1940s, students engage in musical and dramatic analysis of the libretto and score and the historical and theatrical contexts of the musical. They are provided regular in-class performance opportunities and private vocal coaching outside of class. At the end of the term students present scenes and songs in a recital for an invited audience. Normally offered alternate years.

Term:

Occasional

- **THETR-334 Singing for the Stage: Acting the Song II**

Credits:

4.00

Description:

A continuation of Acting the Song I, focusing on classical musical theatre repertoire from the 1950s-1970s. Normally offered alternate years.

Term:

Occasional

- **THETR-233 Vocal Coaching I**

Credits:

4.00

Description:

Focusing on classic musicals from 1980 to 1995, this studio course provides the technical tools and practical experience to significantly increase confidence and expressiveness in musical theatre performance. Students study the fundamentals of music theory to strengthen their musical literacy, sharpen their analytical skills, and stimulate their growing independence as an artist. The course also helps students to more fully appreciate the organic and symbiotic nature of music and drama. Students are encouraged to perform regularly in class and to take advantage of private coaching sessions outside of class. Students will learn to think and write critically about the form. At the end of the term students perform in a musical theatre performance for an invited audience. Normally offered alternate years.

Term:

Occasional

- **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, this studio course provides students with an integrated approach to singing through sound vocal and acting technique. Students will learn the discipline of vocal warm-ups, music and dramatic analysis, and phrasing in order to make them more effective performers and they will be introduced to elementary music theory, sight singing, and how to identify notes on a piano to make them more independent and confident performers. 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-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

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• **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

Select any one approved dramatic literature, history, theory, or criticism course:

• **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

Type:

Humanities & History, Humanities Literature Requirement

• **THETR-267 Introduction to Theatre Arts III**

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

Type:

Humanities & History, Cultural Diversity Opt A, Humanities Literature Requirement

• **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

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• **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-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

- **THETR-462 Special Topics in Theatre**

Prerequisites:

Instructor's consent required.

Credits:

4.00

Description:

This course is designed by the Theatre Department to serve as an intensive exploration of a special topic in theatre and/or performance studies.

- **THETR-465 The American Resident Theatre**

Credits:

4.00

Description:

This course will examine some of the principal art theatres in this country beginning with the early days of the Provincetown Players and continuing up to the present day. By examining material about their histories, often written by their founding directors, students will determine when these theatres

fed off each other's ideas and ideals, and when they set off in entirely new directions. The course will also explore the viability of not-for-profit institutions in a corporate society.

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-469 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

Type:

Humanities & History, Humanities Literature Requirement

- **THETR-417 Senior Thesis Project**

Prerequisites:

Instructor's consent required

Credits:

4.00- 8.00

Description:

Theatre majors who have demonstrated academic excellence as well as involvement in department productions have the opportunity to work with a faculty advisor during their senior year to focus intensively on a specific area of interest. An extensive reading list will be determined early in the fall semester and regular meetings with the advisor will be scheduled to guide this course of study. The Senior Honors Project may also include a production project related to the topic. Successful completion of this course confers departmental honors to graduating Theatre majors.

Term:

Offered Both Fall and Spring

- **THETR-411 Experimental Theatre Ensemble**

Prerequisites:

By invitation by Professor Savick.

Credits:

8.00

Description:

This course is intended to serve as a professional internship for students who have demonstrated superior dedication and ability in their work within the Theatre Department. In 2004, Professor Wesley Savick launched a theatre company whose mission is to create original, experimental, political theatre in Boston. The company is comprised exclusively of Suffolk University students and was conceived to provide select students with a transitional opportunity between their undergraduate experience and the professional world. Students may apply by submitting a letter of interest to the Theatre Department by the end of the Fall term.

Select any one approved theatre course of 300 or higher and any one approved theatre course of 400 or higher.

Theatre Practicum Requirement

All theatre majors are required to have two theatre department performance and two theatre department production experiences.

THETR 100 or 200 track performance experience for actors, directors, playwrights, dramaturges and stage managers. THETR 102 or 202 track production experiences for designers, run crew, load-in crew, board-operators, and stage managers.

Both THETR 100 and 102 are non-credit courses. Students may elect to take THETR 200 and 202 for variable credit.

Transfer students with more than 30 credits may complete this requirement with only one performance experience and one production experience.

*Unlike most courses in CAS, all NESAD studio art courses will remain at three credits in compliance with accreditation mandates.

2013-2014 Archived Catalog Information

Theatre

The Suffolk University Department of Theatre provides students with a well-rounded liberal arts education that integrates practical, experiential learning with the study of theatre history and literature.

Students discover, articulate, and achieve their own creative vision by collaborating with faculty, staff and guest artists in productions that explore classics and new work.

Because our team is well connected with the professional Boston theatre community, we empower students to develop skills and knowledge through internships with professional companies at Suffolk's Modern Theatre and in the wider world.

We offer the theatre major in both the BA and the BS, as well as a minor.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Theatre Major](#)
- [Theatre Minor](#)
- [Boston Music Theatre Project](#)
- [Theatre Courses](#)

The theatre minor consists of 5 courses (20 credits).

Core Requirements (3 courses, 12 credits)

All students must take:

- **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

Select one:

- **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

- **THETR-150 Dance: Jazz II**

Credits:

4.00

Description:

An exploration of jazz technique and style with students at the beginner to intermediate level. This is a largely experiential course with a written component. Classes will consist of a warm-up followed by more challenging floor exercises and sequences. Students are expected to dress in dance

attire. Students will choreograph their own dances individually or in groups to be performed at the end of the semester. Some dance experience is required.

- **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-487 Stage Management II**

Credits:

4.00

Description:

Building on the skills learned in Stage Management I, Stage Management II will provide an in-depth study of how to support and manage rehearsals and performances of diverse genres such as opera, dance, and theatre. Special attention will be paid to anticipating a wide range of needs from professional artists, union regulations, cueing and calling shows; and to further develop student's communication skills. Internships with professional arts organizations may be arranged. Normally offered every other year.

Term:

Occasional

Select one:

- **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

Type:

Humanities & History, Humanities Literature Requirement

- **THETR-267 Introduction to Theatre Arts III**

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

Type:

• THETR-469 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

Type:

Humanities & History,Humanities Literature Requirement

Elective Requirements (2 courses, 8 credits)

Select any two approved theatre courses, one being 300 or higher.

Transfer students with over 30 credits may take Acting I, any approved course above 300 and three theatre electives for the minor.

Practicum Requirement

All theatre minors are required to have one performance experience and one production crew experience.

THETR 200A or 100A track performance experience for actors, directors, playwrights, dramaturges and stage managers. THETR 202B or 102B track production experiences for designers, run crew, load-in crew, board-operators, and stage managers.

Both THETR 100A and 102B are non-credit courses. Students may elect to take THETR 200A and 202B for variable credit.

2013-2014 Archived Catalog Information

Theatre

The Suffolk University Department of Theatre provides students with a well-rounded liberal arts education that integrates practical, experiential learning with the study of theatre history and literature.

Students discover, articulate, and achieve their own creative vision by collaborating with faculty, staff and guest artists in productions that explore classics and new work.

Because our team is well connected with the professional Boston theatre community, we empower students to develop skills and knowledge through internships with professional companies at Suffolk's Modern Theatre and in the wider world.

We offer the theatre major in both the BA and the BS, as well as a minor.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Theatre Major](#)
- [Theatre Minor](#)
- [Boston Music Theatre Project](#)
- [Theatre Courses](#)

The Boston Music Theatre Project (BMTP) is the oldest professional organization in the Greater Boston area dedicated to supporting the work of early and mid-career composers and librettists and the development of new musicals. The theatre department also commissions professional writers to create original musicals with theatre department students. Past BMTP musicals have appeared in the Nashville Opera, New York Musical Theatre Festival, Prince Music Theatre, and off-Broadway. Hershel Garfein and Robert Aldridge's new opera Elmer Gantry, originally developed by BMTP, recently received three Grammy nominations.

2013-2014 Archived Catalog Information

Theatre

The Suffolk University Department of Theatre provides students with a well-rounded liberal arts education that integrates practical, experiential learning with the study of theatre history and literature.

Students discover, articulate, and achieve their own creative vision by collaborating with faculty, staff and guest artists in productions that explore classics and new work.

Because our team is well connected with the professional Boston theatre community, we empower students to develop skills and knowledge through internships with professional companies at Suffolk's Modern Theatre and in the wider world.

We offer the theatre major in both the BA and the BS, as well as a minor.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Theatre Major](#)
- [Theatre Minor](#)
- [Boston Music Theatre Project](#)
- [Theatre Courses](#)
- **THETR-100 Theatre Practicum: Performance**

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

- **THETR-102 Theatre Practicum: Production**

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

- **THETR-120 Theatre Practicum**

Credits:

0.00

Description:

Non-credit course to satisfy the Theatre practicum requirement for theatre majors and minors. Students should register for section A for performance activities such as acting, directing, and writing, and section B for production related activities such as tech crew, design, and running shows. Stage management may fulfill either category. May be taken more than once.

Term:

Offered Both Fall and Spring

- **THETR-127 Dynamic Speaking Techniques**

Credits:

4.00

Description:

Dynamic Speaking Techniques provides students with an essential foundation to help ensure the safe and effective use of the voice for use in spoken presentation. Topics will include vocal health and anatomy, posture and alignment, relaxation, breath support, placement, resonance, and the care and protection of the voice under normal and stressful situations. Students will learn a disciplined approach to writing and executing dynamic spoken presentations. This is a studio course with a written component.

• **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

• **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

- **THETR-140 Dance: Jazz I**

Credits:

4.00

Description:

This largely experiential course with a written component introduces students to the fundamentals of jazz. Classes will consist of a warm-up followed by floor exercises and sequences. Students will choreograph their own dances individually or in groups to be performed at the end of the semester. Students are expected to dress in dance attire. No dance experience is required. Normally offered every year

- **THETR-144 Dance Essentials I**

Credits:

4.00

Description:

This is a course for the student who always wanted to learn the basics of dance as well as the student returning to dance. Class work includes centering, attention to placement, and the development of strength, flexibility, and musicality. Students will learn to think and write critically about the form. Dance attire is required.

Term:

Occasional

- **THETR-150 Dance: Jazz II**

Credits:

4.00

Description:

An exploration of jazz technique and style with students at the beginner to intermediate level. This is a largely experiential course with a written component. Classes will consist of a warm-up followed by more challenging floor exercises and sequences. Students are expected to dress in dance attire. Students will choreograph their own dances individually or in groups to be performed at the end of the semester. Some dance experience is required.

- **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

- **THETR-200 Theatre Practicum: Performance**

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 8.00

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

Type:

Expanded Classroom Requirement

- **THETR-202 Theatre Practicum: Production**

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 8.00

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

Type:

Expanded Classroom Requirement

• **THETR-220 Theatre Practicum**

Prerequisites:

Theatre majors or minors or instructor's consent

Credits:

1.00- 8.00

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. Written work includes a production log signed by the supervisor and a narrative journal. Credits may be used to satisfy the Theatre practicum requirement for Theatre majors and minors. Students should register for section A for performance activities such as acting, directing, and writing, and section B for production related activities such as tech crew, design, and running shows. Stage management may fulfill either category. May be taken more than once.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement

- **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-225 Intro to Theatre Arts**

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

Type:

Humanities & History, Humanities Literature Requirement

• **THETR-226 Intro to Theatre Arts II**

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

Type:

Humanities & History, Humanities Literature Requirement

• **THETR-227 Introduction to Theatre Arts III**

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

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

- **THETR-229 Acting I**

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

- **THETR-232 Acting for the Camera**

Prerequisites:

THETR-229 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-233 Vocal Coaching I**

Credits:

4.00

Description:

Focusing on classic musicals from 1980 to 1995, this studio course provides the technical tools and practical experience to significantly increase confidence and expressiveness in musical theatre performance. Students study the fundamentals of music theory to strengthen their musical literacy, sharpen their analytical skills, and stimulate their growing independence as an artist. The course also helps students to more fully appreciate the organic and symbiotic nature of music and drama. Students are encouraged to perform regularly in class and to take advantage of private coaching sessions outside of class. Students will learn to think and write critically about the form. At the end of the term students perform in a musical theatre performance for an invited audience. Normally offered alternate years.

Term:

Occasional

- **THETR-234 Acting the Song**

Credits:

4.00

Description:

This studio course will focus on techniques to develop fresh, organic interpretations of musical theatre songs that illuminate not only the nuances of the music and lyric but the character singing as well. Working with classic musicals from the 1920s - 1940s, students engage in musical and dramatic analysis of the libretto and score and the historical and theatrical contexts of the musical. They are provided regular in-class performance opportunities and private vocal coaching outside of class. At the end of the term students present scenes and songs in a recital for an invited audience. Normally offered alternate years.

Term:

Occasional

- **THETR-237 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

- **THETR-240 Dance Essentials I**

Credits:

4.00

Description:

This is a course for the student who always wanted to learn the basics of dance as well as the student returning to dance. Class work includes centering, attention to placement, and the development of strength, flexibility, and musicality. Students will learn to think and write critically about the form. Dance attire is required.

Term:

Occasional

- **THETR-241 Jazz**

Credits:

4.00

Description:

This largely experiential course with a written component introduces students to the fundamentals of jazz. Classes will consist of a warm-up followed by floor exercises and sequences. Students will choreograph their own dances individually or in groups to be performed at the end of the semester. Students are expected to dress in dance attire. No dance experience is required. Normally offered every year

- **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

Type:

Cultural Diversity Opt B

- **THETR-245 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-249 Modern Dance I**

Credits:

4.00

Description:

This course explores the history and techniques of modern dance, a uniquely American form. Classes will be comprised of warm-ups, floor work, and choreographed combinations. Students will learn to think and write critically about the form. The course will culminate with a presentation of modern dance choreographed by the instructor for an invited audience. Dance attire is required.

Term:

Offered Fall Term

- **THETR-250 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-251 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-253 Modern Dance II**

Credits:

4.00

Description:

This course is designed to be a continuation of Modern Dance I with more challenging choreography. The writing component of this class will focus on post-1950s choreographers as well as special topics and current events in the modern dance world. Proper dance attire required.

- **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

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

- **THETR-263 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

Type:

Cultural Diversity Opt B

- **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

Type:

Humanities & History, Humanities Literature Requirement

- **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.

• **THETR-267 Introduction to Theatre Arts III**

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

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• **THETR-273 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-281 Arts Administration I**

Credits:

4.00

Description:

The last twenty-five years have seen extraordinary growth in the number of performing and visual arts organizations. As a result, skilled and dedicated personnel are in short supply. This survey course will provide a fundamental overview of the managing, marketing, fundraising, and financial management functions of both performing and visual arts organizations.

• **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

- **THETR-299 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

- **THETR-301 Acting the Song I**

Credits:

4.00

Description:

This studio course will focus on techniques to develop fresh, organic interpretations of musical theatre songs that illuminate not only the nuances of the music and lyric but the character singing as well. Working with classic musicals from the 1920s - 1940s, students engage in musical and dramatic analysis of the libretto and score and the historical and theatrical contexts of the musical. They are provided regular in-class performance opportunities and private vocal coaching outside of class. At the end of the term students present scenes and songs in a recital for an invited audience. Normally offered alternate years.

Term:

Occasional

- **THETR-302 Acting the Song II**

Credits:

4.00

Description:

A continuation of Acting the Song I, focusing on classical musical theatre repertoire from the 1950s-1970s. Normally offered alternate years.

Term:

Occasional

• **THETR-303 Vocal Coaching I**

Credits:

4.00

Description:

Focusing on classic musicals from 1980 to 1995, this studio course provides the technical tools and practical experience to significantly increase confidence and expressiveness in musical theatre performance. Students study the fundamentals of music theory to strengthen their musical literacy, sharpen their analytical skills, and stimulate their growing independence as an artist. The course also helps students to more fully appreciate the organic and symbiotic nature of music and drama. Students are encouraged to perform regularly in class and to take advantage of private coaching sessions outside of class. Students will learn to think and write critically about the form. At the end of the term students perform in a musical theatre performance for an invited audience. Normally offered alternate years.

Term:

Occasional

• **THETR-304 Vocal Coaching II**

Credits:

4.00

Description:

This course is a continuation of Vocal Coaching I focusing on the music of living composers from 1996 to the present. Students may sign up for private coaching sessions as part of their weekly preparation for the course. Students will learn to think and write critically about the form. Normally offered alternate years.

Term:

Occasional

- **THETR-307 Playwriting I**

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 both "Play Day!", an annual reading of new student-written plays, and the American College Theatre Festival.

Term:

Offered Fall Term

- **THETR-309 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

- **THETR-310 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

Type:

Humanities & History,Cultural Diversity Opt A,Humanities Literature Requirement

• **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

Type:

Expanded Classroom Requirement,Cultural Diversity Opt B

- **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-325 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

Type:

Cultural Diversity Opt A

• **THETR-329 Acting II**

Prerequisites:

THETR 229 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-331 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

Type:

Humanities & History, Humanities Literature Requirement

• **THETR-332 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-333 Singing for the Stage: Rock, Pop, & Progressive**

Credits:

4.00

Description:

Focusing on classic rock, pop, and progressive musicals from the 1970s-1990s, this studio course provides students with an integrated approach to singing through sound vocal and acting technique. Students will learn the discipline of vocal warm-ups, music and dramatic analysis, and phrasing in order to make them more effective performers and they will be introduced to elementary music theory, sight singing, and how to identify notes on a piano to make them more independent and confident performers. 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: Acting the Song II**

Credits:

4.00

Description:

A continuation of Acting the Song I, focusing on classical musical theatre repertoire from the 1950s-1970s. Normally offered alternate years.

Term:

Occasional

- **THETR-335 Graphic Skills for the Theatre**

Credits:

4.00

Description:

A skills course concentrating on sketching and drafting for the theatre. The course builds on knowledge introduced in Introduction to Stagecraft and Introduction to Design and supports three areas of design training: set design, costume design and lighting design. Although intended for design and technical students, other students, such as stage managers and directors, could draw valuable information and insights from the course, as well. Normally offered alternate years.

Term:

Occasional

- **THETR-337 Stage Management II**

Credits:

4.00

Description:

Building on the skills learned in Stage Management I, Stage Management II will provide an in-depth study of how to support and manage rehearsals and performances of diverse genres such as opera, dance, and theatre. Special attention will be paid to anticipating a wide range of needs from professional artists, union regulations, cueing and calling shows; and to further develop student's communication skills. Internships with professional arts organizations may be arranged. Normally offered every other year.

Term:

Occasional

- **THETR-339 Lighting Design**

Prerequisites:

Take THETR-237 THETR-250 or THETR-251; 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-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-347 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-356 Introduction to Costume Design**

Prerequisites:

THETR 250 OR THETR 251 or by instructors 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-361 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-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

Type:

- **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

- **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-400 Playwriting I**

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-401 Playwriting II**

Credits:

4.00

Description:

A course designed for serious writers. Each week students will share works-in-progress to be read and discussed. Students will also be assigned short plays to analyze in class. All Playwriting II students will be expected to bring a sample of their work to the first class. Students are encouraged to participate in Play Day!, an annual reading of new student-written plays. Prerequisite: Playwriting I or by permission of the instructor 1 Term - 4 Credits Normally offered alternate years.

- **THETR-402 Vocal Coaching III**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

A rigorous, fast-paced studio course for motivated students with demonstrated proficiency in musical theatre performance. Building on basic music and acting theory explored in Vocal Coaching I and II and Acting the Song I and II, students will be expected to analyze and perform challenging new and known songs representing a wide range of styles and periods. Students will also be expected to write and think critically about musical theatre performance and prepare for at least one professional musical theatre audition outside the university. The class will culminate in a recital for an invited audience.

Term:

Occasional

- **THETR-403 Solo Performance**

Prerequisites:

THETR-229 or THETR-425 or instructor's consent

Credits:

4.00

Description:

This advanced level acting course introduces students to the world of performance art utilizing research, writing and performance techniques. Source material may be fictional, historical, personal or contemporary figures of particular interest to the student. Students will research and create their own pieces to be performed at the end of the term for an invited audience.

Term:

Offered Spring Term

- **THETR-405 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

- **THETR-407 Playwriting II**

Prerequisites:

THETR-307 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-411 Experimental Theatre Ensemble**

Prerequisites:

By invitation by Professor Savick.

Credits:

8.00

Description:

This course is intended to serve as a professional internship for students who have demonstrated superior dedication and ability in their work within the Theatre Department. In 2004, Professor Wesley Savick launched a theatre company whose mission is to create original, experimental, political theatre in Boston. The company is comprised exclusively of Suffolk University students and was conceived to provide select students with a transitional opportunity between their undergraduate experience and the professional world. Students may apply by submitting a letter of interest to the Theatre Department by the end of the Fall term.

• **THETR-417 Senior Thesis Project**

Prerequisites:

Instructor's consent required

Credits:

4.00- 8.00

Description:

Theatre majors who have demonstrated academic excellence as well as involvement in department productions have the opportunity to work with a faculty advisor during their senior year to focus intensively on a specific area of interest. An extensive reading list will be determined early in the fall semester and regular meetings with the advisor will be scheduled to guide this course of study. The Senior Honors Project may also include a production project related to the topic. Successful completion of this course confers departmental honors to graduating Theatre majors.

Term:

Offered Both Fall and Spring

- **THETR-418 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-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 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. Normally offered every year.

- **THETR-427 Acting Styles**

Prerequisites:

THETR 229 AND THETR 329

Credits:

4.00

Description:

This studio course offers an advanced study of classic and poetic texts. Each week students prepare and present monologues, scenes, and sonnets for class discussion. Normally offered alternate years.

- **THETR-433 Vocal Coaching III**

Prerequisites:

Instructor's consent required

Credits:

4.00

Description:

A rigorous, fast-paced studio course for motivated students with demonstrated proficiency in musical theatre performance. Building on basic music and acting theory explored in Vocal Coaching I and II and Acting the Song I and II, students will be expected to analyze and perform challenging new and known songs representing a wide range of styles and periods. Students will also be expected to write and think critically about musical theatre

performance and prepare for at least one professional musical theatre audition outside the university. The class will culminate in a recital for an invited audience.

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-450 Special Topics in Theatre**

Prerequisites:

Instructor's consent required.

Credits:

4.00

Description:

This course is designed by the Theatre Department to serve as an intensive exploration of a special topic in theatre and/or performance studies.

- **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-455 The American Resident Theatre**

Credits:

4.00

Description:

This course will examine some of the principal art theatres in this country beginning with the early days of the Provincetown Players and continuing up to the present day. By examining material about their histories, often written by their founding directors, students will determine when these theatres fed off each other's ideas and ideals, and when they set off in entirely new directions. The course will also explore the viability of not-for-profit institutions in a corporate society.

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

• **THETR-462 Special Topics in Theatre**

Prerequisites:

Instructor's consent required.

Credits:

4.00

Description:

This course is designed by the Theatre Department to serve as an intensive exploration of a special topic in theatre and/or performance studies.

- **THETR-465 The American Resident Theatre**

Credits:

4.00

Description:

This course will examine some of the principal art theatres in this country beginning with the early days of the Provincetown Players and continuing up to the present day. By examining material about their histories, often written by their founding directors, students will determine when these theatres fed off each other's ideas and ideals, and when they set off in entirely new directions. The course will also explore the viability of not-for-profit institutions in a corporate society.

Term:

Occasional

- **THETR-469 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

Type:

- **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-487 Stage Management II**

Credits:

4.00

Description:

Building on the skills learned in Stage Management I, Stage Management II will provide an in-depth study of how to support and manage rehearsals and performances of diverse genres such as opera, dance, and theatre. Special attention will be paid to anticipating a wide range of needs from professional artists, union regulations, cueing and calling shows; and to further develop student's communication skills. Internships with professional arts organizations may be arranged. Normally offered every other year.

Term:

Occasional

- **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

Type:

Humanities & History, Humanities Literature Requirement

• **THETR-507 Senior Thesis Project**

Prerequisites:

Instructor's consent required

Credits:

4.00- 8.00

Description:

Theatre majors who have demonstrated academic excellence as well as involvement in department productions have the opportunity to work with a faculty advisor during their senior year to focus intensively on a specific area of interest. An extensive reading list will be determined early in the fall semester and regular meetings with the advisor will be scheduled to guide this course of study. The Senior Honors Project may also include a production project related to the topic. Successful completion of this course confers departmental honors to graduating Theatre majors.

Term:

Offered Both Fall and Spring

- **THETR-509 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

Type:

Expanded Classroom Requirement, Cultural Diversity Opt B

• **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

2013-2014 Archived Catalog Information

Women's and Gender Studies

The women's and gender studies program provides students the opportunity to examine the ways in which gender structures our ideas, social institutions, and cultural practices, and how it shapes our understanding of ourselves and our place, as individuals, in society. As an interdisciplinary program, the women's and gender studies program draws on insights and analytic tools from the arts and media, history, literature, and the social sciences.

Students may enroll in women's and gender studies courses either for elective credit or as a minor. There is no major available in women's and gender studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Women's and Gender Studies Courses](#)
- [Contact Us](#)

Minor Requirements (5 courses, 20 credits)

Required Core Component (1 course, 4 credits)

Choose one from the following list:

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

Credits:

4.00

Description:

This interdisciplinary course explores the roles and images of women in Western culture. Through class discussion and a close reading of texts from literature, film, history, art, psychology, and recent feminist scholarship, we will examine the realities of women's everyday lives and analyze gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics will 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. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A,Cultural Diversity BFA,Humanities & History,Humanities Literature Requireme

- **WGS-113 Women, Science, & Society**

Credits:

4.00

Description:

An exploration of women's lives from the perspective of the social and natural sciences. This interdisciplinary course examines recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship on these areas. Topics will 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. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A,Social Science

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

Credits:

4.00

Description:

This interdisciplinary course provides an introduction to 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, we will examine the pervasive influence of gender on the structure of society and our everyday experiences. What role does gender play in our understanding of love, friendship, sexuality, and even violence? Topics will 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:

Cultural Diversity Opt A

Elective Courses (4 courses, 16 credits)

Four courses must be chosen from the following list. No more than two from any single department except women's and 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.

- **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

Type:

Cultural Diversity Opt A

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

Credits:

4.00

Description:

This course covers women artists from the sixteenth century to the present as well as the new direction of art-historical scholarship developed by feminist art historians during recent decades.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A,Cultural Diversity Opt B,BFA Humanities Requirement,Cultural Diversity BFA,

- **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. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- **CJN-290 Women in Struggle on Film**

Credits:

4.00

Description:

Problems of women at work and at war, in love, marriage and pregnancy, as seen in Hollywood films, both old and new, and in documentaries. The roles of women are examined historically, psychologically, sociologically, and cinematically. Normally offered yearly.

Term:

Offered Fall Term

Type:

Humanities & History

- **ENG-425 Special Topics in Group 5: the Shield of Achilles: War and Peace From Troy to Sarajevo**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

A course that fits Group 5 of the English major requirements with varying subject matter.

Term:

Occasional

- **ENG-356 Whitman and Dickinson**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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

Type:

Cultural Diversity Opt A

- **FR-314 Marie Antoinette, Fashion Revolutionary**

Credits:

4.00

Description:

Marie-Antoinette refused to wear the clothing given to her by Robespierre for her beheading. Instead she donned a muslin chemise and a bonnet that she had kept hidden in her bedding for the occasion. Was she making a final fashion statement, or is this a final act of defiance by refusing to give up control? In this class we address questions like these and examine the discourse of fashion, visual culture and image in pre-revolutionary France. We will also analyze the relationship of dressing to image and the body politic of eighteenth-century France. The class is taught in English, and is cross-listed with the Gender and Women's Studies Program. This class can be counted toward the French or French Studies major or minor.

Term:

Occasional

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

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to the basic trends of French literature in the context of a general thematic. While giving critical attention to the theme of love and its manifestations in representative works, this exploration also provides a base from which the student can access the evolution of French Literature. We will situate each work we study in its proper historical context while paying close attention to the evolution of literary genres and parallel trends in the formal study of literary discourse. In this class we will address various thematics that accompany a traditional survey of literature course such as, critical discourse, aesthetic representation, literary movements, genre, constructions of sexual identities, sexual politics and representations of ethnicity, class and culture.

Term:

Occasional

Type:

BA FOREIGN

- **GVT-203 Women in World Politics**

Credits:

4.00

Description:

The relationship of women to their political culture and structures. The role of women seen in theory (e.g., Marxism, American feminism, existentialism) and in global comparative analysis. Cultural Diversity B

Type:

Cultural Diversity Opt B,Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

- **GVT-306 Women & Public Policy**

Credits:

4.00

Description:

This course examines women's issues and roles in the public policy process. Topics will include policies that affect women, such as child care and reproductive issues. Emphasis will also be placed on women's roles in the policy process, as citizens, voters, and public officials. Prerequisite: Open to non-majors; not open to freshmen. Normally offered alternate years. Cultural Diversity A

Type:

Social Science,Cultural Diversity Opt A,BSJ SOCIAL SCIENCE

- **HST-274 Women in 19th Century Europe**

Credits:

4.00

Description:

An exploration of 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. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **HST-275 Women in 20th Century Europe**

Credits:

4.00

Description:

An examination of 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. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-370 Workers in America**

Credits:

4.00

Description:

How have ordinary American working people shaped and been shaped by the experience of work in a capitalist economic order? This course surveys the world of work and workers, free and unfree, from 1800 to the present. Topics include changing conceptions of work, formation of workers' consciousness and communities, working-class cultures, movements for labor reform, and the impact of race, ethnicity, and gender on labor markets, workplace dynamics, and working-class families and communities. The course also explores workers' experiences of industrialization and technological innovation, immigration and migration, consumerism and globalization. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities & History

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

Credits:

4.00

Description:

This course 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. Cultural Diversity A

Term:

Offered Fall Term

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement

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

Credits:

4.00

Description:

This course 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. Course materials include novels and films. Cultural Diversity A

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

• **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

Type:

Humanities & History, Humanities Literature Requirement

• **HST-484 History of the Emotions**

Credits:

4.00

Description:

Do we all feel the same emotions across cultures and throughout history, or do we learn to feel according to the rules of our own time and place, or does the truth about human emotion lie somewhere in between? This course will first explore ideas about emotional life from the fields of history, anthropology, sociology, and psychology. We will then turn to our own examination of 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 masculinity and femininity, romantic love and marriage, childrearing, and about what parents and children are supposed feel toward each other. How have ideas about these subjects changed over time - and do our feelings change with them?

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, Cultural Diversity Opt A

- **MUH-221 History of Women in Music**

Credits:

4.00

Description:

The history of music from the Middle Ages to the present presented in the lives and music of women composers, performers, and writers. Assigned readings, critical listening, class discussion and concert attendance.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

• 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

Type:

Cultural Diversity Opt A,Cultural Diversity BFA

• 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

Type:

Cultural Diversity BFA,Cultural Diversity Opt A

- **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

Type:

Cultural Diversity Opt A

- **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

Type:

Cultural Diversity Opt A

• **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

Type:

Cultural Diversity Opt A

- **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

Type:

Cultural Diversity Opt A

- **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-374 Diversity Among Women**

Credits:

4.00

Description:

An exploration of the diverse experiences of womanhood as shaped by race, ethnicity, class, sexuality, age and physical ability. The course examines the commonalities women share and considers what women's differences suggest about an agenda for change. Issues such as workplace equality, family, policy, violence against women, sexuality are studied. How do diverse women, along with men allies, build alliances and work together for social transformation? Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A

- **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Through fiction, non-fiction, drama, poetry and film, this course will explore the changing roles of women in Mexico, the Caribbean, Central and South America. Special focus will be placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

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

Credits:

4.00

Description:

What can we learn from the books that teenage girls read? Our fondest memories of reading are often also memories of our earliest encounters with books - particularly those so mesmerizing that we would read them under our desks or by flashlight long after bedtime. This class will introduce students to some of the most interesting and complex Young Adult books targeted to young female readers. In addition to a wide array of novels, students will be exposed to theories of adolescent development, literary criticism, and social theory. We will consider how the dilemmas of girlhood have changed or stay constant. We'll also investigate the urge, so common in books for children and teens, to teach kids how to think and behave - what do we want teenage girls to know, and when would we rather keep them childlike and unaware?

Term:

Occasional

Type:

Cultural Diversity Opt A

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

Credits:

4.00

Description:

This course will investigate the complex intersections between feminism and popular culture through several different lenses. We will start by exploring some of the ways that feminists make arguments about popular culture. We will continue 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. We will also

look at 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*, among others. Along the way will be asking questions such as: what makes a work of art feminist? How does modern media contribute to or distract us from a variety of political debates in the realm of female equality? How can we, as individuals, use modern media to create and advance smart, feminist arguments? How can we create media that reflects a broader array of women's experiences and perspectives?

Type:

Cultural Diversity Opt A

- **WGS-315 Feminist Thought**

Credits:

4.00

Description:

What is feminist thought? How have feminists - both today and in history - understood inequality and difference, and what have they seen as the best ways to address these issues and bring about social justice? How do feminist theories 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? Students will read classic critical texts by authors including Mary Wollstonecraft, Anna Julia Cooper, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler. The course will analyze feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory. It will also consider anti-feminist arguments.

Type:

Cultural Diversity Opt A

- **WGS-320 Writing Autobiography**

Credits:

4.00

Description:

This interdisciplinary course explores autobiographies by African American, Hispanic, and Afro-Caribbean writers such as June Jordan, Edwidge Danticat, and Cornelius Eady. Other writers include David Sedaris and Lucy Grealy. Students will analyze these texts in terms of language, writing craft and story line. Students will also write their own autobiographies during the course of the semester by focusing on childhood memories, high

school, and family life. Critical attention will be paid to the role race, class, ethnicity, gender and sexuality play in narrative identity. Students will learn creative writing techniques such as linear and nonlinear storytelling, dialogue, fantasy, showing verses telling, and monologue.

Term:

Occasional

Type:

Cultural Diversity Opt A

• WGS-325 Global Women's Fiction

Credits:

4.00

Description:

An exploration 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. A central theme of the course will be the analysis of the notions of female culture and image in an international and interdisciplinary context.

Term:

Occasional

Type:

Humanities Literature Requirement, Cultural Diversity Opt B

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 and 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 and 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 developed and how audiences interact with and influence the use of media.

Term:

Offered Both Fall and Spring

Type:

Social Science

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

Credits:

4.00

Description:

Explores the development of global media and telecommunication corporations and technologies and the influence these transnational organizations and technologies bear on regional and nation-state communication policy, global and local culture, and the world economy. Cultural Diversity B ECR

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B,Expanded Classroom Requirement,BSBA SOCIAL CHANGE

- **ENG-353 American Realism**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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-354 Hawthorne, Melville and Stowe**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

Credits:

4.00

Description:

An extended study of three major novels by Hawthorne, Melville and Stowe as prototypes of the Great American Novel: an elusive achievement that seeks to capture the essence of American experience. This course confronts issues of sin and redemption, ambition and failure, racial and national identity, and aesthetic and cultural value, and it assesses the imaginative influence of these foundational narratives in two contemporary rewritings by Mukherjee and Reed. 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-409 Literary Bloomsbury**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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-424 Special Topics in Group 4: Literary History II : 1700-1900, American Or British**

Prerequisites:

ENG 213, ENG 214, ENG 215, ENG 216, ENG 217, or ENG 218

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

- HST-426 Politics and Culture in Europe 1919-1939

Credits:

4.00

Description:

This course examines 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:

Humanities & History, Humanities Literature Requirement

- 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 and 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 one of the following courses under the supervision of the program director or a member of the Women's and 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.

Type:

Social Science

2013-2014 Archived Catalog Information

Women's and Gender Studies

The women's and gender studies program provides students the opportunity to examine the ways in which gender structures our ideas, social institutions, and cultural practices, and how it shapes our understanding of ourselves and our place, as individuals, in society. As an interdisciplinary program, the women's and gender studies program draws on insights and analytic tools from the arts and media, history, literature, and the social sciences.

Students may enroll in women's and gender studies courses either for elective credit or as a minor. There is no major available in women's and gender studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Women's and Gender Studies Courses](#)
- [Contact Us](#)

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

Credits:

4.00

Description:

This interdisciplinary course explores the roles and images of women in Western culture. Through class discussion and a close reading of texts from literature, film, history, art, psychology, and recent feminist scholarship, we will examine the realities of women's everyday lives and analyze gender inequalities and the influence of gender on social structure, human behavior, and artistic expression. Topics will 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. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A,Cultural Diversity BFA,Humanities & History,Humanities Literature Requireme

- **WGS-113 Women, Science, & Society**

Credits:

4.00

Description:

An exploration of women's lives from the perspective of the social and natural sciences. This interdisciplinary course examines recent biological, psychological, and sociological theories about gender and gender roles, as well as the influence of feminist scholarship on these areas. Topics will 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. Cultural Diversity A

Term:

Offered Both Fall and Spring

Type:

Cultural Diversity Opt A,Social Science

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

Credits:

4.00

Description:

This interdisciplinary course provides an introduction to 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, we will examine the pervasive influence of gender on the structure of society and our everyday experiences. What role does gender play in

our understanding of love, friendship, and even violence? Topics will 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:

Cultural Diversity Opt A

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

Credits:

4.00

Description:

What can we learn from the books that teenage girls read? Our fondest memories of reading are often also memories of our earliest encounters with books - particularly those so mesmerizing that we would read them under our desks or by flashlight long after bedtime. This class will introduce students to some of the most interesting and complex Young Adult books targeted to young female readers. In addition to a wide array of novels, students will be exposed to theories of adolescent development, literary criticism, and social theory. We will consider how the dilemmas of girlhood have changed or stay constant. We'll also investigate the urge, so common in books for children and teens, to teach kids how to think and behave - what do we want teenage girls to know, and when would we rather keep them childlike and unaware?

Term:

Occasional

Type:

Cultural Diversity Opt A

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

Credits:

4.00

Description:

This course will investigate the complex intersections between feminism and popular culture through several different lenses. We will start by exploring some of the ways that feminists make arguments about popular culture. We will continue 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. We will also look at 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, among others. Along the way will be asking questions such as: what makes a work of art feminist? How does modern media contribute to or distract us from a variety of political debates in the realm of female equality? How can we, as individuals, use modern media to create and advance smart, feminist arguments? How can we create media that reflects a broader array of women's experiences and perspectives?

Type:

Cultural Diversity Opt A

• WGS-315 Feminist Thought

Credits:

4.00

Description:

What is feminist thought? How have feminists - both today and in history - understood inequality and difference, and what have they seen as the best ways to address these issues and bring about social justice? How do feminist theories 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? Students will read classic critical texts by authors including Mary Wollstonecraft, Anna Julia Cooper, Emma Goldman, Virginia Woolf, Chandra Mohanty, Gloria Anzaldua, and Judith Butler. The course will analyze feminist engagements with liberalism, socialism, psychoanalysis, existentialism, post-colonialism, critical race theory, and queer theory. It will also consider anti-feminist arguments.

Type:

Cultural Diversity Opt A

• WGS-320 Writing Autobiography

Credits:

4.00

Description:

This interdisciplinary course explores autobiographies by African American, Hispanic, and Afro-Caribbean writers such as June Jordan, Edwidge Danticat, and Cornelius Eady. Other writers include David Sedaris and Lucy Grealy. Students will analyze these texts in terms of language, writing craft and story line. Students will also write their own autobiographies during the course of the semester by focusing on childhood memories, high school, and family life. Critical attention will be paid to the role race, class, ethnicity, gender and sexuality play in narrative identity. Students will learn creative writing techniques such as linear and nonlinear storytelling, dialogue, fantasy, showing verses telling, and monologue.

Term:

Occasional

Type:

Cultural Diversity Opt A

• **WGS-325 Global Women's Fiction**

Credits:

4.00

Description:

An exploration 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. A central theme of the course will be the analysis of the notions of female culture and image in an international and interdisciplinary context.

Term:

Occasional

Type:

Humanities Literature Requirement, Cultural Diversity Opt B

• **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.

Type:

Social Science

2013-2014 Archived Catalog Information

Women's and Gender Studies

The women's and gender studies program provides students the opportunity to examine the ways in which gender structures our ideas, social institutions, and cultural practices, and how it shapes our understanding of ourselves and our place, as individuals, in society. As an interdisciplinary program, the women's and gender studies program draws on insights and analytic tools from the arts and media, history, literature, and the social sciences.

Students may enroll in women's and gender studies courses either for elective credit or as a minor. There is no major available in women's and gender studies.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Women's and Gender Studies Courses](#)
- [Contact Us](#)

Contact Us

Program Director

Michele Plott, PhD

Associate Professor

Phone: 617.573.8118

Fax: 617.723.7255

Email: mplott@suffolk.edu

Office: 73 Tremont St., Rm. 1042

History Department

Susan Keefe

Office Manager

Email: skeefe@suffolk.edu

Cynthia Martin
Department Assistant
Email: cmartin@suffolk.edu
Phone: 617.573.8116
Fax: 617.723.7255
Location: 73 Tremont Street, 10th Floor, Boston, MA 02108

2013-2014 Archived Catalog Information

World Languages

Language is at the heart of all culture and as such expands one's world view by fostering an understanding of human nature and preparing the individual to participate more competently in the global community. Learning a second language involves the examination of one's own identity, while it also opens a window to the behavior patterns, emotions, and thoughts of human beings from different—sometimes radically different—backgrounds and cultural contexts.

The Language division of the Department of World Languages and Cultural Studies offers full degree programs and minors in French, French studies, German, German studies, Spanish, and Latin American and Caribbean Studies. The department also offers instruction in American Sign Language, Arabic, Chinese, Ancient Greek, Italian and Japanese. Language study is also an integral part of the majors in global business, Latin American and Caribbean studies, and international economics (BA). In addition, government majors on the international affairs track study a second language.

- [American Sign Language Courses](#)
- [Arabic Courses](#)
- [Chinese Courses](#)
- [French Courses](#)
- [German Courses](#)
- [Greek Courses](#)
- [Italian Courses](#)
- [Japanese Courses](#)
- [Spanish Courses](#)

- **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

Type:

Cultural Diversity Opt A,BA FOREIGN

- **ASL-102 Elementary American Sign Language II**

Prerequisites:

ASL 101

Credits:

4.00

Description:

Continuation of ASL 101. Patterns of lexical and grammatical structure reviewed and extended. Additional materials on the Deaf community and its culture. One language laboratory session per week.

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A,BA FOREIGN

2013-2014 Archived Catalog Information

World Languages

Language is at the heart of all culture and as such expands one's world view by fostering an understanding of human nature and preparing the individual to participate more competently in the global community. Learning a second language involves the examination of one's own identity, while it also opens a window to the behavior patterns, emotions, and thoughts of human beings from different—sometimes radically different—backgrounds and cultural contexts.

The Language division of the Department of World Languages and Cultural Studies offers full degree programs and minors in French, French studies, German, German studies, Spanish, and Latin American and Caribbean Studies. The department also offers instruction in American Sign Language, Arabic, Chinese, Ancient Greek, Italian and Japanese. Language study is also an integral part of the majors in global business, Latin American and Caribbean studies, and international economics (BA). In addition, government majors on the international affairs track study a second language.

- [American Sign Language Courses](#)
- [Arabic Courses](#)
- [Chinese Courses](#)
- [French Courses](#)
- [German Courses](#)
- [Greek Courses](#)
- [Italian Courses](#)
- [Japanese Courses](#)
- [Spanish Courses](#)

- **ARAB-101 Elementary Modern Standard Arabic**

Credits:

4.00

Description:

Mastery of the Arabic alphabet and phonetics. Elementary formal grammar and the development of reading and writing skills. Conversation in the formal non-colloquial style. One language laboratory session per week. For students with no previous knowledge. .

Term:

Offered Fall Term

Type:

BA FOREIGN

- **ARAB-102 Elementary Modern Arabic II**

Prerequisites:

ARAB 101 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from Arabic 101. One language laboratory session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **ARAB-201 Intermediate Modern Standard Arabic I**

Prerequisites:

ARAB 102 or permission of instructor.

Credits:

4.00

Description:

This course will apply the communicative approach to further develop proficiency in reading, writing, and speaking in Modern Standard Arabic. The class will also stress comprehension listening drills. Material will include authentic Arabic texts, print media, audios, and videos. Activities include conversation practice and brief discussions of topics related to Arab society and culture.

Term:

Offered Fall Term

Type:

BA FOREIGN

- ARAB-202 Intermediate Modern Standard Arabic II

Prerequisites:

ARAB 201 or Instructor's consent.

Credits:

4.00

Description:

Continuation of skills development from ARAB 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

- ARAB-501 Directed Studies in Arabic Culture

Prerequisites:

Credits:

4.00

Description:

The subject of this course is the Arab Cultural History. The approach will be one which sees Arab culture as the system of shared ideas, attitudes, values, perceptions and meanings, explicit and implicit, which Arabs use to interpret the world and which serve to pattern their behavior. This approach of Arab cultural history encompasses a range of facets reaching from the most mundane aspects of their lives to the most transcendent of thoughts and aspirations. It includes an understanding of their art, literature, and history of a society, but also less tangible aspects such as attitudes, prejudices, folklore and so forth. This endeavor seeks to embrace and comprehend the complexity of Arab culture and to recount its history - from its pre-Islamic genesis (roughly the 520s A. D.) until the present - through a broad and wide-ranging presentation of Arab literature.

Term:

Occasional

• ARAB-510 Independent Study

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

The subject of this course is the Arab Cultural History. The approach will be one which sees Arab culture as the system of shared ideas, attitudes, values, perceptions and meanings, explicit and implicit, which Arabs use to interpret the world and which serve to pattern their behavior. This approach of Arab cultural history encompasses a range of facets reaching from the most mundane aspects of their lives to the most transcendent of thoughts and aspirations. It includes an understanding of their art, literature, and history of a society, but also less tangible aspects such as attitudes, prejudices, folklore and so forth. This endeavor seeks to embrace and comprehend the complexity of Arab culture and to recount its history - from its pre-Islamic genesis (roughly the 520s A. D.) until the present - through a broad and wide-ranging presentation of Arab literature.

Term:

Occasional

Type:

BA FOREIGN

2013-2014

2013-2014

2013-2014

2013-2014

2013-2014 Archived Catalog Information

World Languages

Language is at the heart of all culture and as such expands one's world view by fostering an understanding of human nature and preparing the individual to participate more competently in the global community. Learning a second language involves the examination of one's own identity, while it also opens a window to the behavior patterns, emotions, and thoughts of human beings from different—sometimes radically different—backgrounds and cultural contexts.

The Language division of the Department of World Languages and Cultural Studies offers full degree programs and minors in French, French studies, German, German studies, Spanish, and Latin American and Caribbean Studies. The department also offers instruction in American Sign Language, Arabic, Chinese, Ancient Greek, Italian and Japanese. Language study is also an integral part of the majors in global business, Latin American and Caribbean studies, and international economics (BA). In addition, government majors on the international affairs track study a second language.

- [American Sign Language Courses](#)
- [Arabic Courses](#)
- [Chinese Courses](#)
- [French Courses](#)
- [German Courses](#)
- [Greek Courses](#)
- [Italian Courses](#)
- [Japanese Courses](#)
- [Spanish Courses](#)

- CHIN-101 Elementary Chinese I

Credits:

4.00

Description:

Introduces Modern Standard Chinese (Mandarin) with an emphasis on developing conversational skills by using fundamental grammatical patterns and vocabulary in functional contexts. Basic reading and writing (in simplified characters) are also taught.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **CHIN-102 Elementary Chinese II**

Prerequisites:

CHIN 101 or Instructor's consent.

Credits:

4.00

Description:

Continuation of Chinese 101 with emphasis on developing basic skills to read and write modern colloquial Chinese. The reading, writing and oral skills will be taught on the basis of fundamental grammatical patterns and vocabulary in context.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **CHIN-201 Intermediate Chinese I**

Prerequisites:

CHIN 102 or Instructor's consent.

Credits:

4.00

Description:

Emphasis on improving Chinese skills in the areas of speaking, listening, reading, and writing. Expansion of vocabulary and further study of grammar. Discussion of assigned readings primarily in Chinese.

Term:

Offered Fall Term

Type:

BA FOREIGN

• 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

Type:

BA FOREIGN

• CHIN-305 Advanced Conversation and Composition I

Prerequisites:

CHIN 202 or Instructor's consent.

Credits:

4.00

Description:

Students will be encouraged to perfect their speaking and writing skills in modern standard Mandarin. Various resources such as authentic texts, video and audio recordings, as well as discussions on current events will be done in conjunction with assigned essays.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

• CHIN-306 Advanced Conversation and Composition II

Prerequisites:

CHIN 305 or Instructor's consent.

Credits:

4.00

Description:

Continuation of skills developed from Chin 305.

Term:

Alternates Fall & Spring

Type:

BA FOREIGN

• CHIN-311 Survey of Chinese Literature & Culture I

Credits:

4.00

Description:

This is an introductory and interdisciplinary course on Chinese civilization and traditional Chinese literature. It will provide the student with an introduction to the cultural legacy and literature of China from the archaeological origins of Chinese civilization to the period of the mature imperial state in the 11th century (Song Dynasty). 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.

Term:

Alternates Fall & Spring

Type:

Asian Studies,BSBA SOCIAL CHANGE

• CHIN-314 Traditional Chinese Society From 1800-1949

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

Type:

Asian Studies

• CHIN-510 Independent Study

Credits:

4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Type:

Asian Studies

2013-2014 Archived Catalog Information

World Languages

Language is at the heart of all culture and as such expands one's world view by fostering an understanding of human nature and preparing the individual to participate more competently in the global community. Learning a second language involves the examination of one's own identity, while it also opens a window to the behavior patterns, emotions, and thoughts of human beings from different—sometimes radically different—backgrounds and cultural contexts.

The Language division of the Department of World Languages and Cultural Studies offers full degree programs and minors in French, French studies, German, German studies, Spanish, and Latin American and Caribbean Studies. The department also offers instruction in American Sign Language, Arabic, Chinese, Ancient Greek, Italian and Japanese. Language study is also an integral part of the majors in global business, Latin American and Caribbean studies, and international economics (BA). In addition, government majors on the international affairs track study a second language.

- [American Sign Language Courses](#)
- [Arabic Courses](#)
- [Chinese Courses](#)
- [French Courses](#)
- [German Courses](#)
- [Greek Courses](#)
- [Italian Courses](#)
- [Japanese Courses](#)
- [Spanish Courses](#)

- **FR-101 Elementary French I**

Credits:

4.00

Description:

Emphasis on developing reading, writing, speaking, and listening skills. Audio-visual and textual materials based on French cultural themes. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **FR-102 Elementary French II**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 101. Offered every spring semester.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **FR-201 Intermediate French I**

Prerequisites:

Instructor's consent

Credits:

4.00

Description:

This writing-intensive course examines short readings, films, and print media in the development of language skills. Regular language laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

• FR-202 Intermediate French II

Prerequisites:

Take FR-201 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills development from 201.

Term:

Offered Spring Term

Type:

BA FOREIGN

• FR-205 The Francophone World

Prerequisites:

FR 202 or Instructor's consent

Credits:

4.00

Description:

This course explores the francophone world through the media of literature and film. Selected works of francophone literature will be linked to writing exercises and conversation activities.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,BA FOREIGN

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

Credits:

4.00

Description:

A study in English or representative works by major authors from the middle ages to the present. Genres: drama, fiction, and poetry. Regions: Africa, Western Europe, North America and the Caribbean, and Vietnam.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B,Humanities Literature Requirement

- **FR-305 Advanced Conversation and Composition And Grammar**

Prerequisites:

FR 202 or Instructor's consent.

Credits:

4.00

Description:

This course encourages the student to perfect conversational and writing skills in French. Authentic language and formal writing skills are detailed in this course. The development of oral proficiency is stressed with a focus on listening comprehension, reading and writing. This class is open to heritage speakers as well as those who have participated or are planning on participating in the CAVILAM, CCFS-Sorbonne, or Suffolk-Dakar Programs.

Term:

Offered Spring Term

Type:

BA FOREIGN

• **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

Type:

BA FOREIGN

• FR-309 Survey of French Literature I

Prerequisites:

FR 202 or Instructors permission

Credits:

4.00

Description:

A study of French literature from medieval times to the 18th century.

Term:

Offered Fall Term

Type:

Humanities Literature Requirement,BA FOREIGN

• FR-310 Survey of French Literature II

Prerequisites:

FR-202 or instructor's permission

Credits:

4.00

Description:

An analysis of the classic texts of French literature from nineteenth, twentieth and twenty-first centuries as they relate to important events in the art, culture, and history of France.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement,BA FOREIGN

- **FR-314 Marie Antoinette, Fashion Revolutionary**

Credits:

4.00

Description:

Marie-Antoinette refused to wear the clothing given to her by Robespierre for her beheading. Instead she donned a muslin chemise and a bonnet that she had kept hidden in her bedding for the occasion. Was she making a final fashion statement, or is this a final act of defiance by refusing to give up control? In this class we address questions like these and examine the discourse of fashion, visual culture and image in pre-revolutionary France. We will also analyze the relationship of dressing to image and the body politic of eighteenth-century France. The class is taught in English, and is cross-listed with the Gender and Women's Studies Program. This class can be counted toward the French or French Studies major or minor.

Term:

Occasional

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

Prerequisites:

Take FR-205 or Instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to the basic trends of French literature in the context of a general thematic. While giving critical attention to the theme of love and its manifestations in representative works, this exploration also provides a base from which the student can access the evolution of French Literature. We will situate each work we study in its proper historical context while paying close attention to the evolution of

literary genres and parallel trends in the formal study of literary discourse. In this class we will address various thematic that accompany a traditional survey of literature course such as, critical discourse, aesthetic representation, literary movements, genre, constructions of sexual identities, sexual politics and representations of ethnicity, class and culture.

Term:

Occasional

Type:

BA FOREIGN

- **FR-316 Masterpieces of Theatre**

Prerequisites:

Take FR-205 and FR-305 or instructor's consent

Credits:

4.00

Description:

The aim of this course is to introduce students to major plays written in French from the seventeenth to the twenty-first centuries, with a focus on both the works themselves and the socio-historical contexts in which they were written. Students will read, analyze, and produce scenes from the plays as well as produce, direct and perform select scenes at the end of the semester. Authors studied may include Moliere, Marivaux, Beckett, Ionesco, Sartre, Camus, Genet, Anouilh, Sarraute, Reza, and Schwarz-Bart. Normally offered every two years

Type:

BA FOREIGN

- **FR-317 Drifting Far From Home: the Representation of Travel in French Literature**

Prerequisites:

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

Credits:

4.00

Description:

This course examines literature written in the French language that focuses on the experience of travel. Primary texts will span from the nineteenth century to the twenty-first century, while secondary sources will explore the theoretical underpinnings of the concept of travel. Students will be encouraged to read the literature in light of theoretical considerations formulated to better understand the experience of travel and its literary and critical uses.

Type:

BA FOREIGN

- **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:

This course examines literature written in the French language focusing on memoir, essays and autobiography. Authors such as Montaigne, Jean-Jacques Rousseau, Alphonse de Lamartine, Andre Gide, Sidonie-Gabrielle Colette, Marguerite Duras, Simone de Beauvoir, Linda Le, Daniel Maximin, Assia Djebar, Maryse Conde and Annie Ernaux may be included. Our readings will be informed by a range of literary theory which will inform our discussion on the differences between autobiography and autofiction and the question of truth and the fallibility of memory.

Type:

BA FOREIGN

- **FR-401 Special Topics in French and Francophone Studies**

Credits:

4.00

Description:

This seminar examines a range of topics in French and Francophone Studies. It provides individualized guidance and promotes advanced-level research in the special topic area.

Term:

Occasional

Type:

BA FOREIGN

- **FR-421 Sejour Linguistique en France**

Prerequisites:

FR 201-202 or permission of instructor

Credits:

4.00- 8.00

Description:

This course is an immersion program in Vichy, France through our partnership with CAVILAM. Students are housed with families, participate in excursions, and take classes that are conducted entirely in French. This is an excellent opportunity to improve one's proficiency in French, to learn more about French Studies, and to live in a French-speaking country.

Term:

Summer

Type:

Expanded Classroom Requirement,BA FOREIGN

- **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:

This course is an immersion program in Paris, France through our partnership with CCFS-Sorbonne. Students are housed with families, participate in excursions, and take classes that are conducted entirely in French. This is an excellent opportunity to improve one's proficiency in French, to learn more about French Studies, and to live in a French-speaking country.

Term:

Offered Both Fall and Spring

Type:

Expanded Classroom Requirement,BA FOREIGN

• **FR-502 Honors Senior Thesis in French**

Prerequisites:

Senior Standing and permission of Dept. Chair.

Credits:

4.00

Description:

A major research project completed under the supervision of a regular faculty member offered every fall semester. Prerequisites: Senior standing & permission of the department chair.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **FR-510 Independent Study**

Prerequisites:

An independent study form must be submitted to the CAS Dean's Office.

Credits:

4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them.

Term:

Occasional

Type:

BA FOREIGN

- **FR-T212 Business French Tutorial**

Prerequisites:

FR-201 and FR-202 or instructor's permission

Credits:

1.00

Description:

INSTRUCTOR'S CONSENT Tutorial studies of the terminology, organization and practice of business in the French-speaking world.

Term:

Offered Both Fall and Spring

2013-2014 Archived Catalog Information

World Languages

Language is at the heart of all culture and as such expands one's world view by fostering an understanding of human nature and preparing the individual to participate more competently in the global community. Learning a second language involves the examination of one's own identity, while it also opens a window to the behavior patterns, emotions, and thoughts of human beings from different—sometimes radically different—backgrounds and cultural contexts.

The Language division of the Department of World Languages and Cultural Studies offers full degree programs and minors in French, French studies, German, German studies, Spanish, and Latin American and Caribbean Studies. The department also offers instruction in American Sign Language, Arabic, Chinese, Ancient Greek, Italian and Japanese. Language study is also an integral part of the majors in global business, Latin American and Caribbean studies, and international economics (BA). In addition, government majors on the international affairs track study a second language.

- [American Sign Language Courses](#)
- [Arabic Courses](#)
- [Chinese Courses](#)
- [French Courses](#)
- [German Courses](#)
- [Greek Courses](#)
- [Italian Courses](#)
- [Japanese Courses](#)
- [Spanish Courses](#)

- **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

Type:

BA FOREIGN

- **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:

BA FOREIGN

- **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:

BA FOREIGN

• 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:

BA FOREIGN

• GER-216 Masters of German Literature in English Translation

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

Type:

Humanities Literature Requirement

• **GER-218 Grimms' Fairy Tales**

Credits:

4.00

Description:

A critical reading of Grimms' Fairy Tales in the cultural, literary, and political context of the times in which they were collected, edited, and read. Comparisons will be drawn with 20th/21st century cinematic adaptations. The investigation will include uncovering reasons for the graphic violence present in the tales. The contributions of major folklore scholars will also be discussed. The texts will be read in English translation.

Term:

Occasional

Type:

Humanities Literature Requirement

• **GER-301 German Civilization**

Prerequisites:

GER 202 or instructor consent

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the Reformation to German unification (1871). Major figures, movements, and periods. Art, literature, music, and philosophy in the context of political and economic developments. Normally offered alternate years.

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **GER-302 German Civilization II**

Prerequisites:

GER 202 or consent of instructor.

Credits:

4.00

Description:

A survey of civilization in the German-speaking countries from the late 19th century to the present. Major figures, movements, and periods. Art, literature, music, philosophy, and popular culture in the context of political and economic developments.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **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

Type:

BA FOREIGN

• 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

Type:

BA FOREIGN

• 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

Type:

Humanities & History, Humanities Literature Requirement

• **GER-310 Masterpieces of German Literature**

Prerequisites:

GER 202 or Instructor's Permission

Credits:

4.00

Description:

A reading of major works in the context of cultural trends and historical developments. Includes such texts as Goethe's Faust, Grimm's fairy tales, a selection of poetry, dramas, and short prose pieces, and at least one novel. GER 301 or GER 302 strongly recommended.

Term:

Occasional

Type:

Humanities Literature Requirement, BA FOREIGN

- GER-320 The German Press

Prerequisites:

GER-202

Credits:

4.00

Description:

A comparative reading of articles from the German language press on such topics as contemporary culture, the environment, the European Union, globalization, immigration, minorities and the women's movement.

Term:

Occasional

Type:

BA FOREIGN

- 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.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

- GER-419 East Germany and the Cold War

Credits:

4.00

Description:

When the German Democratic Republic was founded in 1949, observers in the West viewed it as an artificial construct created to serve the needs of the Soviet empire. The self-image of the GDR as created by its leadership revolved around the idea of an anti-fascist German state designed as a bulwark against any revival of National Socialism. Over a generation after the fall of the Berlin Wall, it is possible to undertake a dispassionate analysis of the forty-year history of the 'other' German state as manifested in its cultural identity and political role during the Cold War. Cross- list with GVT 472/872

Term:

Occasional

Type:

Social Science

- GER-420 The Greens and Environmentalism

Credits:

4.00

Description:

The rise of the Green Party, from it's grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g. alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-list with ENST 420/GVT 420/620.

Term:

Offered Spring Term

Type:

- GER-502 Honors Thesis

Prerequisites:

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

Type:

BA FOREIGN

2013-2014 Archived Catalog Information

World Languages

Language is at the heart of all culture and as such expands one's world view by fostering an understanding of human nature and preparing the individual to participate more competently in the global community. Learning a second language involves the examination of one's own identity, while it also opens a window to the behavior patterns, emotions, and thoughts of human beings from different—sometimes radically different—backgrounds and cultural contexts.

The Language division of the Department of World Languages and Cultural Studies offers full degree programs and minors in French, French studies, German, German studies, Spanish, and Latin American and Caribbean Studies. The department also offers instruction in American Sign Language, Arabic, Chinese, Ancient Greek, Italian and Japanese. Language study is also an integral part of the majors in global business, Latin American and Caribbean studies, and international economics (BA). In addition, government majors on the international affairs track study a second language.

- [American Sign Language Courses](#)
- [Arabic Courses](#)
- [Chinese Courses](#)
- [French Courses](#)
- [German Courses](#)
- [Greek Courses](#)
- [Italian Courses](#)
- [Japanese Courses](#)
- [Spanish Courses](#)

- **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:

BA FOREIGN

- **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:

BA FOREIGN

2013-2014 Archived Catalog Information

World Languages

Language is at the heart of all culture and as such expands one's world view by fostering an understanding of human nature and preparing the individual to participate more competently in the global community. Learning a second language involves the examination of one's own identity, while it also opens a window to the behavior patterns, emotions, and thoughts of human beings from different—sometimes radically different—backgrounds and cultural contexts.

The Language division of the Department of World Languages and Cultural Studies offers full degree programs and minors in French, French studies, German, German studies, Spanish, and Latin American and Caribbean Studies. The department also offers instruction in American Sign Language, Arabic, Chinese, Ancient Greek, Italian and Japanese. Language study is also an integral part of the majors in global business, Latin American and Caribbean studies, and international economics (BA). In addition, government majors on the international affairs track study a second language.

- [American Sign Language Courses](#)
- [Arabic Courses](#)
- [Chinese Courses](#)
- [French Courses](#)
- [German Courses](#)
- [Greek Courses](#)
- [Italian Courses](#)
- [Japanese Courses](#)
- [Spanish Courses](#)

- **ITAL-101 Elementary Italian I**

Credits:

4.00

Description:

Practice in both oral and written language skills. Audio-visual and textual materials based on Italian cultural themes. One language laboratory session per week.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **ITAL-102 Elementary Italian II**

Prerequisites:

ITAL-101 or instructor's permission

Credits:

4.00

Description:

Continuation of skills development from 101.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **ITAL-201 Intermediate Italian I**

Prerequisites:

ITAL 102, or Instructor's consent

Credits:

4.00

Description:

Review of grammar, practice in spoken Italian, with cultural and literary readings along with composition and translation. Language laboratory sessions as assigned.

Term:

Offered Fall Term

Type:

BA FOREIGN

2013-2014 Archived Catalog Information

World Languages

Language is at the heart of all culture and as such expands one's world view by fostering an understanding of human nature and preparing the individual to participate more competently in the global community. Learning a second language involves the examination of one's own identity, while it also opens a window to the behavior patterns, emotions, and thoughts of human beings from different—sometimes radically different—backgrounds and cultural contexts.

The Language division of the Department of World Languages and Cultural Studies offers full degree programs and minors in French, French studies, German, German studies, Spanish, and Latin American and Caribbean Studies. The department also offers instruction in American Sign Language, Arabic, Chinese, Ancient Greek, Italian and Japanese. Language study is also an integral part of the majors in global business, Latin American and Caribbean studies, and international economics (BA). In addition, government majors on the international affairs track study a second language.

- [American Sign Language Courses](#)
- [Arabic Courses](#)
- [Chinese Courses](#)
- [French Courses](#)
- [German Courses](#)
- [Greek Courses](#)
- [Italian Courses](#)
- [Japanese Courses](#)
- [Spanish Courses](#)

- 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. One language lab session per week.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **JPN-102 Elementary Japanese II**

Prerequisites:

JPN-101 or Instructor's consent

Credits:

4.00

Description:

Continuation of skills developed from JPN 101. Emphasis on active command of spoken Japanese. Improvement in pronunciation and conversational skills. Further development in vocabulary, grammar, reading and writing. One language lab session per week.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **JPN-201 Intermediate Japanese I**

Prerequisites:

JPN-102 or Instructor's consent

Credits:

4.00

Description:

Emphasis on improving Japanese skills in the areas of speaking, listening, reading, and writing. Expansion of vocabulary and further study of grammar. Discussion of assigned readings primarily in Japanese. Work in the language lab (one hour per week) and use of sources from the Internet are coordinated with class work.

Term:

Offered Fall Term

Type:

BA FOREIGN

• 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

Type:

BA FOREIGN

• JPN-510 Independent Study

Prerequisites:

Instructor's Permission required.

Credits:

4.00

Description:

Students meet with a department member to pursue advanced studies in areas of particular interest to them

2013-2014 Archived Catalog Information

World Languages

Language is at the heart of all culture and as such expands one's world view by fostering an understanding of human nature and preparing the individual to participate more competently in the global community. Learning a second language involves the examination of one's own identity, while it also opens a window to the behavior patterns, emotions, and thoughts of human beings from different—sometimes radically different—backgrounds and cultural contexts.

The Language division of the Department of World Languages and Cultural Studies offers full degree programs and minors in French, French studies, German, German studies, Spanish, and Latin American and Caribbean Studies. The department also offers instruction in American Sign Language, Arabic, Chinese, Ancient Greek, Italian and Japanese. Language study is also an integral part of the majors in global business, Latin American and Caribbean studies, and international economics (BA). In addition, government majors on the international affairs track study a second language.

- [American Sign Language Courses](#)
- [Arabic Courses](#)
- [Chinese Courses](#)
- [French Courses](#)
- [German Courses](#)
- [Greek Courses](#)
- [Italian Courses](#)
- [Japanese Courses](#)
- [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. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-102 Elementary Spanish II**

Prerequisites:

SPAN 101 or Instructor's consent

Credits:

4.00

Description:

A continuation of skills development from 101. Weekly laboratory sessions required.

Term:

Offered Spring Term

Type:

BA FOREIGN

- **SPAN-105 Overview of Spanish Culture**

Credits:

1.00

Description:

This course, open only to students from Maryville University of St. Louis, offers a broad survey of Spanish history and culture. It focuses principally on key elements of geography, history, sociology, politics and traditions. The course will place special emphasis on Spanish culture and its problematic modernization, which is an issue with very important consequences for the intellectual productivity of this country.

- **SPAN-201 Intermediate Spanish I**

Prerequisites:

SPAN 102 or or Instructor's consent

Credits:

4.00

Description:

A systematic review of Spanish grammar and study of Spanish through materials of cultural interest. Development of written and oral skills through compositions and audio-visual materials. Weekly laboratory sessions required.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-202 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:

BA FOREIGN

- **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

Type:

BA FOREIGN

- **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:

Further development of written and oral skills in various contexts. 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 will include regularly assigned essays, group discussions and debates.

Term:

Offered Fall Term

Type:

BA FOREIGN

- **SPAN-299 Translation Workshop**

Prerequisites:

SPAN 290 or SPAN 300 or Instructor's consent

Credits:

4.00

Description:

This course aims to introduce students to translation techniques through direct practice and to consider what makes a good translation. Material will be selected from a wide variety of sources and will increase in difficulty as the course goes on. The emphasis will be on translation from Spanish into English, but some work will be done on translation into Spanish. Students will be expected to complete regular homework assignments for which grades will be given. (Madrid campus only)

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

Prerequisites:

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

Credits:

4.00

Description:

An exploration of some key Peninsular and Latin American cultural materials: works in four different literary genres (narrative, drama, essay and poetry), films, and songs. Development of specialized vocabulary and critical skills required in more advanced Spanish courses, through close readings and textual analysis.

Term:

Offered Spring Term

Type:

Humanities Literature Requirement, BA FOREIGN

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

Prerequisites:

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

Credits:

4.00

Description:

A survey of Hispanic Civilization emphasizing the contributions of Spanish-speaking peoples to the Western tradition in art, thought and letters. Concentration on the Iberian Peninsula, with an emphasis on the contributions of Christian, Jewish and Moslem cultures in Spain.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **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:

A survey of the civilization of Latin America highlighting its historical development, ethnic plurality, and cultural complexity in areas such as politics, religion, sociology, economics, customs, music and film. The cultural contributions of Spanish-speaking minorities in the United States are also addressed.

Term:

Alternates Fall & Spring

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

- **SPAN-305 Living in Translation**

Prerequisites:

SPAN 250, 290, or 300 or Instructor's consent.

Credits:

4.00

Description:

An introduction to some of the basic techniques applied in translating the written and spoken word. Examples will be drawn from literature, the mass media and professional sources. Additional grammar review provided as needed.

Term:

Occasional

- **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)

Type:

BA FOREIGN

- **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:

BA FOREIGN

• **SPAN-370 Jewish, Islamic, & Christian Spain**

Prerequisites:

Take SPAN 290 or SPAN 300 or Instructor's consent. SPAN 350 is strongly recommended

Credits:

4.00

Description:

An exploration of the diverse facets of Jewish-Muslim-Christian convivencia (dwelling together, coexistence). The course focuses on religious, cultural, economic and psychological aspects of contemporary Spain which owe their very existence to the history of multiculturalism in Spain. Visits to significant cities such as Toledo, will offer the student the possibility of experiencing first-hand the rich and diverse cultural heritage of present-day

Spain. The primary goal of this course is to offer examples of peaceful and fruitful cooperation among the three major religions of the world and to prove that such an ideal is not a utopia. (Madrid campus only)

Type:

BA FOREIGN

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

Prerequisites:

SPAN 300; SPAN 302 is strongly recommended

Credits:

4.00

Description:

Authors from Latin America and the Caribbean will be examined in their historical and cultural contexts. Readings and class discussions will 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 Ines de la Cruz, Jose Marti, Jorge Luis Borges, and Giaconda Belli will be among some of the writers studied.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities Literature Requirement, BA FOREIGN

- **SPAN-401 Classical Spanish Literature**

Prerequisites:

SPAN 300; SPAN 301 is strongly recommended.

Credits:

4.00

Description:

A survey of Spanish literature from El Poema del Cid to El Quijote with emphasis on cultural currents and their relationship to the history of the period. Readings include poetry, drama and prose.

Term:

Occasional

Type:

Humanities Literature Requirement,BA FOREIGN

• **SPAN-402 Social Literature of Latin America**

Prerequisites:

SPAN 300 or Instructor's consent. SPAN 302 is strongly recommended.

Credits:

4.00

Description:

The relationship between social history, cultural identity and artistic expression will be explored through a diversity of texts from Central and South America, Mexico and the Caribbean. Social justice, truth, mass culture and gender will be among the issues addressed. Readings will include novel, short story, poetry and drama. Films and documentaries will also be considered to further illustrate the connections between society and text.

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities Literature Requirement,BA FOREIGN

• **SPAN-405 Women's Voices in Latin America**

Prerequisites:

SPAN-300; Spanish 302 or its equivalent is strongly recommended

Credits:

4.00

Description:

Through fiction, non-fiction, drama, poetry and film, this course will explore the changing roles of women in Mexico, the Caribbean, Central and South America. Special focus will be placed on the impact that changes in social ideology and culture have had on their identity and writings. Texts available in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BA FOREIGN

• **SPAN-407 Latin American Short Narrative**

Prerequisites:

Spanish 300; or Instructor's consent; Spanish 302 is strongly recommended

Credits:

4.00

Description:

An exploration of some of the major trends in twentieth century Latin American story telling. Readings reflect the vast array of voices and styles, beginning with the fantastic literature of the 1930's, the birth of magical realism and the more contemporary socio-political narratives. Authors will include Maria Luisa Bombal, Julio Cortazar, Rosario Castellanos, Gabriel Garcia Marquez, Juan Rulfo, Luisa Valenzuela, among others.

Term:

Occasional

Type:

- **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:

A survey of films from Argentina, Mexico, Cuba, and other Latin American countries. Taking the Cuban Revolution as our point of departure we shall explore the relationship between film and society and think about how our own understanding of a culture and its history is often shaped by the images that we receive on the screen. All films shown in Spanish with English subtitles. Discussions in English.

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement

- **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:

The myth of a singular Latino experience in the United States will be examined through a variety of genres and authors. Issues of heritage, identity and the joys, struggles and challenges of growing up Latino/a also will be addressed. Among the writers read will be Sandra Cisneros, "House on Mango Street," Junot Diaz, "Drown," Esmeralda Santiago, "When I Was Puerto Rican," Tato Laviera, "AmeRican."

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement

- **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)

Type:

BA FOREIGN

- **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:

This course examines the intersection between literature and film and the relationships between the written word and the cinematic image. The writers and cinematographers we will study represent mainstream as well as marginal voices which address issues of race, gender, sexual orientation and socio-economic class in South America, the Caribbean and Mexico. All texts available in both Spanish and English translation.

Term:

Occasional

Type:

Humanities Literature Requirement,Cultural Diversity Opt B,BA FOREIGN

- **SPAN-423 Spanish Women Writers: Narrating the Self**

Prerequisites:

Take SPAN-290 or SPAN-300;or instructor's consent. SPAN-350 is strongly recommended

Credits:

4.00- 8.00

Description:

A selection of representative examples of Spanish narrative from the 19th century to the present will be studied in the context of current feminist and psycho-critical theories. Readings will include domestic writings by the mid-century generation; Romantic, Realist, and Modernist writers, and narratives of both the post-war generation and the new wave of Contemporary women writers. Prerequisite: Spanish 290 or 300 or consent of instructor. Language of instruction: Spanish (Madrid campus only)

Type:

BA FOREIGN

- **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:

This course will focus on the dynamic relationships that exist between art (both visual and lyrical) and the written word. By reading twentieth century authors from Latin America and the Caribbean and juxtaposing their work with that of other artists who explore similar themes, students will examine the multiple ways in which art and literature contribute to our understanding of life in Latin America and the Caribbean. Music, paintings, photography, poetry, and prose will be among some of the genres studied.

Term:

Occasional

Type:

BA FOREIGN

- **SPAN-427 Border Theater in the New Millennium**

Prerequisites:

SPAN 290 or 300 or Instructor's consent

Credits:

4.00

Description:

One hundred and sixty 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- Mexico Border. Emphasis will be on contemporary border theater and film. The works of Salcedo, Mijares, Rascon Banda, and others will be studied as well as contemporary films and documentaries such as "Senorita Extraviada", "The Gatekeeper", "Crossing Arizona", and much more.

Term:

Occasional

Type:

BA FOREIGN

• **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 will closely examine the contemporary world of Latin American Theatre. A study of basic theatre concepts and methodology will prepare 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 will also be part of the course framework.

Term:

Occasional

Type:

BA FOREIGN

- **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

Type:

BA FOREIGN

- **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

Type:

- **SPAN-T301 Business Spanish Tutorial**

Prerequisites:

Instructor's consent.

Credits:

1.00

Description:

Tutorial studies of the terminology, organization and practice of business in the Spanish-speaking world.

Term:

Alternates Fall & Spring

- **SPAN-T302 Business Spanish Tutorial**

Prerequisites:

Instructor's consent.

Credits:

1.00- 2.00

Description:

Tutorial studies of the terminology, organization and practice of business in the Spanish-speaking world.

Term:

Alternates Fall & Spring

2013-2014 Archived Catalog Information

Sawyer Business School

Undergraduate Programs

The Sawyer Business School offers the Bachelor of Science in Business Administration (BSBA) degree with majors in accounting, entrepreneurship, finance, global business, information systems, management, and marketing.

The Business School is committed to maintaining a culture of achievement for all students. Students learn contemporary management practices through a continually refined and updated curriculum.

The first few years of the BSBA curriculum expose students to diverse viewpoints and to the environmental changes impacting business today. Business students become well-rounded through the foundational knowledge they learn in general education courses such as English, communications, economics, and mathematics, as well as interdisciplinary courses in leadership, ethics, globalization, and social change. Students with special areas of interest are encouraged to include corresponding liberal arts electives in their programs of study. A stimulating community of scholars is committed to developing Leadership, Innovation, Networking, Knowledge, and Service in your profession and community as part of our “LINKS to Success” theme.

Undergraduate students may choose to study abroad or to take courses at Suffolk’s campus in Madrid, Spain.

In keeping with its core values, the Business School offers responsive and flexible administrative systems and support services. Resources for new students are designed to reinforce this commitment and ensure a successful transition to college life.

Mission Statement

We create a learning environment that enables our students to emerge as successful leaders in the practice of global business and public service. We value excellence in education and research, and work with our students, alumni, and business partners to achieve it.

2013-2014 Archived Catalog Information

Majors

Degree Offerings

The Bachelor of Science in Business Administration (BSBA) degree is offered in a full-time or part-time format. Students may select from the following majors:

- Accounting
- Information Systems
- Interdisciplinary Business Studies*
- Entrepreneurship
- Finance
- Global Business
- Management
- Marketing

*Interdisciplinary Business Studies majors develop a customized program of study, choosing courses from several disciplines, within the Sawyer Business School, to satisfy their career interests. Students who are interested in this option must meet with the Office of the Dean for approval to declare and to discuss course selection. Students are required to complete 6 upper-level business courses chosen from among the major courses offerings of a minimum of two disciplines from the Sawyer Business School.

We highly encourage students who embark upon the Interdisciplinary Business Studies major to engage in multiple internships and campus experiences to add to their career development.

Non-Degree Offering

[Certificate in Financial Planning](#)

2013-2014 Archived Catalog Information

Undergraduate Requirements

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [BSBA Degree Requirements](#)
- [Credits vs. Courses](#)
- [Internship/Experiential Requirement](#)
- [Double Majors](#)
- [Business & CAS Double Majors](#)

The completion of the Bachelor of Science in Business Administration (BSBA) degree includes:

- A minimum of 124 semester hours of coursework and satisfaction of all degree requirements;
- 2.0 overall cumulative average;
- 2.0 average in major and minor fields of study;
- A minimum of 30 semester hours of business coursework must be completed at Suffolk University; and,
- An overall minimum of 45 semester hours of coursework must be completed at Suffolk University to be eligible to be considered for degree.

Full-time students normally complete their degree requirements in four years. A student may shorten the time required by attending summer sessions. Part-time students normally take five to seven years to complete the requirements, depending on the course load carried.

Students are responsible for knowing and complying with specific degree requirements. Any exception to the Program of Study requires written approval from the Sawyer Business School Undergraduate Programs Office.

General Education Requirements

48 credits

Freshman and Sophomore Courses

- **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.

- **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

- **ISOM-120 Information Technology and Productivity**

Credits:

3.00

Description:

This course provides a comprehensive introduction to information technology and information systems concepts. Students learn the importance of modern information technologies in the workplace. The course covers technology resources of the digital age, such as computer software, hardware, communication, database and telecommunication systems. Students also learn to increase productivity through the integration and use of productivity software applications, such as spreadsheets, presentation software and databases. In addition, students learn the fundamental concepts of database design and relational database management systems (DBMS) such as Microsoft access.

Term:

Offered Both Fall and Spring

- **EC-101 Applied Microeconomics**

Credits:

4.00

Description:

Introduction to the organization and operation of a market economy with a focus on how it allocates scarce resources; development of the economic way of thinking. The analysis of the theory of consumer demand and the profit-maximizing behavior of firms; examination of pricing and output decisions of firms under conditions of competition and imperfect competition in a global marketplace. Analysis of markets for labor and capital. Policy issues include price ceilings and floors, trade barriers, competition and monopoly. Required of all majors in Economics. Normally offered every semester.

Type:

- **EC-102 Global Macroeconomics**

Credits:

4.00

Description:

This course provides an analysis of relationships among variables such as inflation, employment, economic growth, national income, and the supply of money. Heavy emphasis is placed on the role of government in setting both fiscal and monetary policy goals to achieve a stable economy. Balance of trade and exchange rates are examined to help provide an understanding of the global economy. Required of all majors and minors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **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. Required of all students in the Sawyer Business School.

Term:

Offered Both Fall and Spring

Math Requirement

Choose one of the following:

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

Prerequisites:

MATH 104, MATH 108, MATH121 or appropriate math placement score.

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-134 Calculus for Management & Social Sciences**

Prerequisites:

MATH 104, MATH 121 or appropriate math placement score.

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 Placement score or MATH 121 with a grade of C or better

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.

Accounting and Finance Majors are required to complete a calculus course (134 or 165) for their programs and may NOT use MATH 130 toward the Math requirement.

Statistics Requirement

Choose one of the following:

- **STATS-240 Introduction to Statistics**

Prerequisites:

Math 130 or higher.

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. Prerequisite: Math 130 or higher. 1 term - 4 credits (4 hours per week). Normally offered each semester.

Type:

Quantitative Reasoning

- **STATS-250 Applied Statistics**

Prerequisites:

MATH 130, MATH 134, MATH 146 OR MATH 165

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 Reasoning

Additional courses may satisfy this requirement. Please see the Undergraduate Programs Office for more information.

Globalization Requirement

Choose one of the following:

- 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:

- **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:

Humanities & History,Cultural Diversity Opt B,Humanities Literature Requirement

- **SIB-101 Globalization**

Credits:

3.00

Description:

This course introduces the nature and processes of globalization which define today's international business environment. The course employs a multidisciplinary perspective to explore the growing interdependence of nations in their trade, investment, technology flows, and business operations. Topic include business, geographic, economic, social, cultural, political, and other issues related to globalization. The course is experiential in its approach. Students will undertake a team research project exploring globalization issues with reference to a particular country, region or industry.

Term:

Offered Both Fall and Spring

New courses that meet this learning goal may be announced by the Undergraduate Programs Office after they are approved. Students who entered Suffolk prior to Fall 2010: requirement was 4 credits. Students who entered prior to Fall 2010 may need to add a 1 credit course to their Programs of Study if they chose the 3 credit course option.

Any Year Courses

Humanities and Social Sciences Requirement

Select one course from the College of Arts and Sciences Humanities/History requirement options OR the Social Science requirement options OR any course from Modern Languages. See the College Degree section of this catalog for details.

Social Change U.S. and Abroad Requirement

Choose one of the following:

- **CHIN-311 Survey of Chinese Literature & Culture I**

Credits:

4.00

Description:

This is an introductory and interdisciplinary course on Chinese civilization and traditional Chinese literature. It will provide the student with an introduction to the cultural legacy and literature of China from the archaeological origins of Chinese civilization to the period of the mature imperial state in the 11th century (Song Dynasty). 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.

Term:

Alternates Fall & Spring

Type:

Asian Studies,BSBA SOCIAL CHANGE

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

Credits:

4.00

Description:

Explores the development of global media and telecommunication corporations and technologies and the influence these transnational organizations and technologies bear on regional and nation-state communication policy, global and local culture, and the world economy. Cultural Diversity B ECR

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B,Expanded Classroom Requirement,BSBA SOCIAL CHANGE

• **CJN-485 Rhetoric of Protest & 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. Normally offered yearly. Cultural Diversity A

Term:

Occasional

Type:

Cultural Diversity Opt A,Humanities & History,BSBA SOCIAL CHANGE

• **GVT-203 Women in World Politics**

Credits:

4.00

Description:

The relationship of women to their political culture and structures. The role of women seen in theory (e.g., Marxism, American feminism, existentialism) and in global comparative analysis. Cultural Diversity B

Type:

Cultural Diversity Opt B, Social Science, BSJ SOCIAL SCIENCE, BSBA SOCIAL CHANGE

- **GVT-420 German Greens and Environmentalism**

Credits:

4.00

Description:

The rise of the Green Party, from its grass-roots beginnings to participation in the federal government. Background on the development of green consciousness in Germany and Europe since the early 20th century. Present governmental policies and programs (e.g., alternative energy sources, organic farming, recycling, dismantling of nuclear power). Cross-listed GER 420 and ENST 420

Type:

Social Science, BSBA SOCIAL CHANGE

- **GVT-435 Race and Public Policy**

Prerequisites:

GVT 110 OR GVT 120 OR GVT 223 OR GVT 224

Credits:

4.00

Description:

Public policy's impact on Blacks Chicano's, Native Americans Puerto Ricans, and other minority groups; how public policy has contributed to racial oppression; policies for attaining racial equality; political strategies of minority groups. Cultural Diversity A

Type:

Cultural Diversity Opt A, Social Science, BSJ SOCIAL SCIENCE, BSBA SOCIAL CHANGE

- **GVT-465 International and Transnational Organizations**

Prerequisites:

GVT-261

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.

Type:

Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

- **GVT-467 Comparative Social Movements**

Prerequisites:

Junior status

Credits:

4.00

Description:

This class examines the political ramifications of social movements primarily but not exclusively within the United States. It looks at ideology, beliefs and mechanisms of mobilization. Another important focus is an analysis of non-white social movements in this country and their impact on domestic politics. Among the movements to be examined are: the Pan-African movement 1919-1939 which will, to some extent, take us outside this country; the U.S. Civil Rights Movement 1955 to 1969 which covers the rise of the Black Power movement; and the U.S. Labor Movement 1900 to 1955 in terms of non-white influence on its programmatic goals. Normally offered alternate years. Cultural Diversity B

Type:

Cultural Diversity Opt B,Social Science,BSJ SOCIAL SCIENCE,BSBA SOCIAL CHANGE

- HST-122 World History II

Credits:

4.00

Description:

A survey of human civilizations from 1500 to the present. Course explores themes such as the development of new trading networks, including the slave trade, religious and intellectual innovation, the rise of nationalism and creation of nation-states, the democratic revolutions, imperialism and world war. We study social change such as gender and race relations; technological and scientific revolutions; and cultural achievements of all civilizations. Cultural Diversity B

Term:

Offered Spring Term

Type:

Cultural Diversity Opt B,Humanities & History,Humanities Literature Requirement,BSBA SOCIAL CHANGE

- HST-224 Civil Rights in the 20th Century

Credits:

4.00

Description:

What is meant by the term civil rights? How do civil rights affect notions of what it means to be an American? In Civil Rights in the Twentieth Century, students will explore the history of civil rights movements- from the Reconstruction era through the Conservative revolution of the 1970s and 1980s- to answer these questions, and to try to understand the contested definition of civil rights in modern America. We will begin with the emancipation of four million African-Americans during the 1860s; we will continue through the first wave feminist movement of the late nineteenth and early twentieth century, and the labor movement from the Gilded Age through the New Deal; and we will conclude with the Black, women's, and gay rights movements of the 1960s and 1970s, and their relationship to the rise of the New Right during the 1970s and 1980s. Special attention will be paid to

primary documents written by civil rights leaders and their followers, as well as analysis of secondary material on how civil rights has evolved over time.

Term:

Occasional

Type:

Cultural Diversity Opt A, Humanities Literature Requirement, Humanities & History, BSBA SOCIAL CHANGE

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

Credits:

4.00

Description:

This course seeks to provide students with an understanding of the broad historical forces, conflicts and major events that have shaped the contemporary nations of the modern Middle East. The course begins with the emergence of the modern Middle East from the empires of the sixteenth and seventeenth centuries. It deals with forces which attempt to meet the European challenge; 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

Type:

Humanities & History, Cultural Diversity Opt B, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **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. Cultural Diversity B

Term:

Offered Fall Term

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-275 Women in 20th Century Europe**

Credits:

4.00

Description:

An examination of 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. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-283 The U.S. and Central America 1979-1993**

Credits:

4.00

Description:

This class studies this international relationship in the context of the global anti-colonial revolutions, the collapse of communism, and the influence of Catholic liberation theology. The course highlights the Nicaraguan revolution, the Salvadoran civil war, the Guatemalan military campaign against Mayan villages, the U.S. invasion of Panama, and the relative stability but great differences among Honduras, Belize and Costa Rica.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-293 Race and Reconstruction: the Transformation of America, 1850-1900**

Credits:

4.00

Description:

This course explores the political, economic, social, and cultural history of America from the decade prior to the Civil War to the end of the nineteenth century. Students will focus on the political, social, and racial catalysts that led to the Civil War, its aftermath, and the ideologies behind Federal Reconstruction between 1863 and 1877. Through primary and secondary source materials, students will explore the following: What were the long term effects of American slavery, American expansion, and the Civil War? How did different groups of Americans- north and south, Black, White, Asian, Latino- understand themselves, their government, and what it meant to be an American citizen? How did the social structure of white supremacy - epitomized in ante-bellum slavery, Indian removal, and rising anti-Chinese sentiment - contribute to the long-lasting social structure of American racism?

Term:

Occasional

Type:

Humanities & History, Cultural Diversity Opt A, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-306 Arab-Israeli Conflict**

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.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

• **HST-307 U.S. Race Relations 1877-1945**

Credits:

4.00

Description:

This course focuses on the African-American freedom struggle. It describes the consolidation of segregation and disfranchisement laws, the rise of Booker T. Washington, the NAACP's fight for civil rights, black nationalism, African American participation in both world wars, the Harlem Renaissance, and Depression Era struggles. We will also consider the history of non-white groups including Hispanics, Asian-Americans, and Native Americans.

Type:

Humanities & History, Cultural Diversity Opt A, BSBA SOCIAL CHANGE

• **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

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

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

Credits:

4.00

Description:

This course 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. Course materials include novels and films. Cultural Diversity A

Term:

Offered Spring Term

Type:

Cultural Diversity Opt A, Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

• **HST-414 Nazi Germany**

Credits:

4.00

Description:

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

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

• **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

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

• **HST-494 Politics and Protest**

Credits:

4.00

Description:

This course will examine the impact of organized reform movements on American History from 1800s to the 1960s. Themes include utopianism, assaults on injustice, and attempts to control the behavior of the undesirable groups. Topics include anti-slavery agitation and religious revivalism before the Civil War, problems of industrialism and the working class, progressive political and social reform, temperance and prohibition, women's suffrage and women's rights, civil rights and the counter culture.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement, BSBA SOCIAL CHANGE

- **HST-508 Study Trip to El Salvador**

Credits:

4.00

Description:

This course will examine the history of El Salvador through readings, discussion, film, and most importantly, a fortnight in the Central American nation. Our goal is to explore how events ranging from the Spanish conquest of the sixteenth-century, the nineteenth century indigenous uprisings against land concentration, and the bloody and divisive civil war of the 1980s shaped today's El Salvadorans. ECR

Type:

Expanded Classroom Requirement, Humanities & History, Cultural Diversity Opt B, Humanities Literature R

- **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.

Type:

BSBA SOCIAL CHANGE

- **SOC-326 Protest and Social Change**

Credits:

4.00

Description:

An exploration of recent and contemporary protest movements. Cases studied may include Civil Rights women's movement, environmental, militia, and new right, gay and lesbian, labor, etc. Movement issues such as goals, tactics, use of violence, use of media cultural politics, social control and repression will be considered. Under what conditions do protest movements succeed or fail in bringing desired social change?

Term:

Occasional

Type:

Cultural Diversity Opt A,BSBA SOCIAL CHANGE

New courses that meet this learning goal may be announced by the Undergraduate Programs Office after they are approved. Students who choose the 3 credit course option should meet with the Undergraduate Programs Office to determine how to best complete the 4th credit for this requirement.

Science Requirement

Choose any science lecture with lab(3 credits/1 credit) OR any 4-credit science course

Business Core Requirements

35 credits

Freshman and Sophomore Courses

- **SBS-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

- **BLE-215 Business Ethics and Law**

Credits:

3.00

Description:

Business ethics is applied ethics. This course deals with the roles and responsibilities of business in a global society; teaches models of ethical decision-making that incorporate multiple points of view, including diverse cultural worldviews and legal perspectives; and addresses those factors that contribute to and constrain ethical behavior in and by organizations. Students will then apply these concepts to current business problems, such as anti-trust, accounting fraud, deceptive advertising, and environmental dumping.

Term:

Offered Both Fall and Spring

- **MGT-200 Leadership and Social Responsibility**

Prerequisites:

Sophomore Status

Credits:

1.00

Description:

This course focuses on management challenges faced by leaders of not-for-profit organizations. Through a hands-on team project students will create innovative solutions to a specific organizational opportunity/issue and present these to a panel of external judges. Students will also create sustainability plans so their ideas have life after the course ends. Due to the experiential nature of this course, it will be taught in an intensive format.

Term:

Offered Both Fall and Spring

- **BLE-214 Principles of Business Law**

Credits:

3.00

Description:

An introduction to the field of business law including an overview of the organization and operation of the American legal system, including the court system and legal procedure, together with brief coverage of selected business law topics such as contracts, torts, criminal law, and agency principles. Particular attention is given to the ways in which business law manifests important social and ethical precepts.

Term:

Offered Both Fall and Spring

- **ACCT-201 Acct for Decision Making I**

Prerequisites:

ENG 102; ISOM 120; MATH 130, or MATH 134, or MATH 146, or MATH 161, or MATH 165

Credits:

3.00

Description:

Designed to provide a user of accounting information with the skills to appraise and manage a business. Students are introduced to the accounting cycle, the financial statements, and the theory underlying accounting as information. Coverage addresses current accounting topics, including relevant ethical and international issues found in the financial press.

- **ACCT-202 Acct for Decision Making II**

Prerequisites:

ACCT-201

Credits:

3.00

Description:

Enables students to apply the concepts and skills from the preceding course. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Relevant current ethical and competitive issues found in the financial press are discussed in the course.

- **ISOM-201 Data and Decisions Analysis**

Prerequisites:

ISOM-120; STATs 240 or 250; Math 130, 134, 161, or 165

Credits:

3.00

Description:

This course is designed to introduce undergraduate business students to fundamental quantitative methods of using data to make informed management decisions. Topics covered include: decision modeling, decision analysis, regression, forecasting, optimization, and simulation, as it applies to the study and analysis of business problems for decision support in finance, marketing, service, and manufacturing operations. Practical business cases and examples drawn from finance, marketing, operations management, and other management areas are used to provide students with a perspective on how management science is used in practice. The implementation of management science tools has been facilitated by the intensive use of Excel spreadsheet models.

Term:

- **MKT-210 Principles of Marketing**

Prerequisites:

Take ENG-101 or ENG-103;

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.

Junior and Senior Courses

- **ISOM-310 Management Information Systems**

Prerequisites:

ISOM 120 AND ENG 102 and at least 45 completed credits

Credits:

3.00

Description:

This course examines the rise of information-enabled enterprises and the role of information technologies/information systems (IT/IS) and e-commerce as key enablers of businesses and social changes globally. The effective application of IT/IS to support strategic planning, managerial control, operations and business process integration in the digital economy is covered. The course also examines the IT/IS related issues of ethics, privacy, piracy and security in the information society.

Term:

Offered Both Fall and Spring

• FIN-310 Business Finance

Prerequisites:

MATH 130 or above; EC 101; ACCT 201; STATS 240 or 250 (can take concurrently with FIN 310); 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.

Term:

Offered Both Fall and Spring

• MGT-317 Organizational Behavior

Prerequisites:

ENG 102; SBS 101; must have completed 45 credits

Credits:

3.00

Description:

This course explores the application of sociological, psychological and anthropological concepts in domestic and international business settings. Attention is given to the study of human behavior in organizational settings, the organization itself, human interaction, and small group process.

Term:

Offered Both Fall and Spring

- **ISOM-319 Operations Management**

Prerequisites:

SBS 101 and ISOM 201, Junior Standing

Credits:

3.00

Description:

In this course, students are introduced to the operating component of a service/manufacturing organization where inputs such as raw material, labor, or other resources are transformed into finished services and/or goods. The following OM areas: strategic and tactical issues, product planning and process design, technology management, quality management, capacity, location, and layout planning, inventory management, forecasting and work force management issues are addressed through class discussions, readings and cases. Quantitative models, analytical tools and case studies are used to analyze problems that the business manager would face in both a local and global setting.

Term:

Offered Both Fall and Spring

- **SBS-400 careerLINKS**

Prerequisites:

90 credit hours required.

Credits:

1.00

Description:

This course is the culminating career and professional experience for seniors. It focuses on career entry and transition, networking for career and job 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.

Senior Capstone (Seniors Only)

• SIB-429 Strategic Management

Prerequisites:

SBS 101, MKT 210, FIN 310, ISOM 319 and MGT 317. Senior standing required.

Credits:

3.00

Description:

This course covers and integrates administrative processes and decision making under uncertainty in business areas of marketing, accounting, management, finance, personnel, and production. It also focuses on strategic and policy issues from the viewpoint of senior management in both domestic and international corporations. Case discussions help develop the conceptual framework for analysis and implementation of strategy and policy decisions.

Term:

Offered Both Fall and Spring

Major Requirements and Free Electives

Credits vary; see below.

Students must complete 6– 8 major courses in a specific area of study. The number of required courses is determined by the specific discipline selected by the student and outlined in that major's Program of Study. The number of required free elective courses is determined by the specific major discipline selected. Students may use their free electives to minor in a business or liberal arts discipline, to earn a second major or to take courses for personal interest. The minimum number of courses and credits for each student's Program of Study must be met to become eligible for graduation. Currently, the major requirements and free electives associated with each major are:

	Required Major Courses	Free Electives
Accounting	8 courses (24 credits)	5 courses (minimum of 15 credits)
Entrepreneurship	7 courses (21 credits)	6 courses (minimum of 18 credits)

Finance	7 courses (21 credits)	6 courses (minimum of 18 credits)
Global Business	Please see the Global Business section of this catalog for details.	
Information Systems	7 courses (21 credits)	6 courses (minimum of 18 credits)
Management	6 courses (18 credits)	7 courses (minimum of 21 credits)
Marketing	7 courses (21 credits)	6 courses (minimum of 18 credits)

The Business School's curriculum is designed to enable students to acquire knowledge and skills cumulatively, building from introductory material to more specialized or advanced study in areas of major concentration. Prerequisites have been established for courses that require preparation in order for students to benefit fully from the learning experience.

Students are responsible for taking courses in the prescribed sequence. This means:

- All prerequisites must be satisfied
- Students must have satisfactorily completed 54 credits in order to register for upper division courses in the Business School (Business School undergraduate courses numbered 300 or higher, unless otherwise stated).
- Students must have completed all freshman and sophomore required courses prior to registering in junior-level courses. In particular, students are expected to have completed required English and Quantitative courses before the junior year.

Math Assessment and Placement Policy

Incoming students to the University (who have not transferred in the math requirement) take the University math assessment for placement in an appropriate math course. Students may be placed in prerequisite math courses based upon their assessment results in order to prepare for their Math requirement.

Recommended Four-Year Course Sequence

Suggested course sequences for each business major are available through the Undergraduate Programs Office.

Minors for BSBA Students

The Sawyer Business School offers 12 minor fields of study: Accounting, Legal Studies, Information Systems, International Business, Electronic Commerce Systems, Entrepreneurship, Finance, Management, Marketing and Public Service, Real Estate, and Social Impact.

In making choices about minors, students should consider their intellectual interests and the academic requirements of particular programs. It is expected that students will consult with their academic advisors in selecting a minor.

Minors for CAS Students

The Sawyer Business School offers two types of business minors to College of Arts and Sciences students: (1) the General Business Minor for students wanting a basic understanding and appreciation of business administration and (2) several Functional Business Minors for students who would like to focus on a specific business discipline such as: Accounting, Legal Studies, Information Systems, International Business, Entrepreneurship, Finance, Management, Marketing, Public Service, and Real Estate, and Social Impact.

CAS students interested in pursuing an MBA or MPA should consult with the Dean's Office for custom advising on the selection of minor business courses.

General Business Minor Requirements(for CAS)

5 courses, 15 credits

Required Course (1 Course, 3 Credits)

SBS 101 Business Foundations must be taken before any other business courses.

Electives (4 Courses, 12 Credits)

Select four courses from the list below. Higher-level business courses that are not on this list are allowed on a case by case basis if prerequisites have been satisfied.

Restrictions

All 300-level Business School courses (except MGT 317) require junior status (54 credit hours). All prerequisites must be satisfied. This minor can be tailored to the student's interests.

- **ACCT-201 Acct for Decision Making I**

Prerequisites:

ENG 102; ISOM 120; MATH 130, or MATH 134, or MATH 146, or MATH 161, or MATH 165

Credits:

3.00

Description:

Designed to provide a user of accounting information with the skills to appraise and manage a business. Students are introduced to the accounting cycle, the financial statements, and the theory underlying accounting as information. Coverage addresses current accounting topics, including relevant ethical and international issues found in the financial press.

- **BLE-214 Principles of Business Law**

Credits:

3.00

Description:

An introduction to the field of business law including an overview of the organization and operation of the American legal system, including the court system and legal procedure, together with brief coverage of selected business law topics such as contracts, torts, criminal law, and agency principles. Particular attention is given to the ways in which business law manifests important social and ethical precepts.

Term:

Offered Both Fall and Spring

- **ENT-110 Do You Want to Start a Business?**

Credits:

3.00

Description:

Courses in the 550s are new offerings in Entrepreneurship. Special topics are announced when the courses are scheduled. Prerequisites vary from course to course. Do You Want to Start a Business? This introductory survey course is designed to help students learn about starting a business and assess their personal interest in pursuing such activity. Topics cover the range of business start-up activities from personal assessment to opportunity recognition, market assessment, feasibility determination, financial planning, legal, human resources, and business planning.

Term:

Offered Both Fall and Spring

- **FIN-210 Personal Finance**

Credits:

3.00

Description:

The course can be viewed as a survival guide or a road map to the universe of financial instruments available as well as the basic tools needed to make informed decisions. The course is intended to address the concerns of individuals in determining their financial needs and managing their financial resources. Finance 210 is a free elective only and may not be counted towards the finance major or minor.

Term:

Offered Both Fall and Spring

- **SIB-101 Globalization**

Credits:

3.00

Description:

This course introduces the nature and processes of globalization which define today's international business environment. The course employs a multidisciplinary perspective to explore the growing interdependence of nations in their trade, investment, technology flows, and business operations. Topic include business, geographic, economic, social, cultural, political, and other issues related to globalization. The course is experiential in its approach. Students will undertake a team research project exploring globalization issues with reference to a particular country, region or industry.

Term:

Offered Both Fall and Spring

- **SIB-321 Introduction to International Business**

Prerequisites:

Take SIB-101 or IB-101 or HST-149 or HST-150;

Credits:

3.00

Description:

To provide students with an understanding of problems and opportunities associated with doing business across country and cultural boundaries and to encourage global business thinking and strategy formulation. Topics include the forms of international business involvement; economic, social,

cultural and political conditions; national and multinational regulations of international transactions and investments; and global strategies for business operations.

Term:

Offered Both Fall and Spring

- **ISOM-120 Information Technology and Productivity**

Credits:

3.00

Description:

This course provides a comprehensive introduction to information technology and information systems concepts. Students learn the importance of modern information technologies in the workplace. The course covers technology resources of the digital age, such as computer software, hardware, communication, database and telecommunication systems. Students also learn to increase productivity through the integration and use of productivity software applications, such as spreadsheets, presentation software and databases. In addition, students learn the fundamental concepts of database design and relational database management systems (DBMS) such as Microsoft access.

Term:

Offered Both Fall and Spring

- **ISOM-201 Data and Decisions Analysis**

Prerequisites:

ISOM-120; STATs 240 or 250; Math 130, 134, 161, or 165

Credits:

3.00

Description:

This course is designed to introduce undergraduate business students to fundamental quantitative methods of using data to make informed management decisions. Topics covered include: decision modeling, decision analysis, regression, forecasting, optimization, and simulation, as it applies to the study and analysis of business problems for decision support in finance, marketing, service, and manufacturing operations. Practical

business cases and examples drawn from finance, marketing, operations management, and other management areas are used to provide students with a perspective on how management science is used in practice. The implementation of management science tools has been facilitated by the intensive use of Excel spreadsheet models.

Term:

Offered Both Fall and Spring

- **MGT-313 Human Resource Management**

Prerequisites:

SOM 101, And Junior standing

Credits:

3.00

Description:

This course includes a study of the modern human resources department in industry with special emphasis on the techniques and methods of management, utilization of people, and contemporary human resource issues and problems.

Term:

Offered Fall Term

- **MGT-317 Organizational Behavior**

Prerequisites:

ENG 102; SBS 101; must have completed 45 credits

Credits:

3.00

Description:

This course explores the application of sociological, psychological and anthropological concepts in domestic and international business settings. Attention is given to the study of human behavior in organizational settings, the organization itself, human interaction, and small group process.

Term:

Offered Both Fall and Spring

- **MGT-322 Managing Diversity in the Workplace**

Prerequisites:

MGT 317 or instructor's consent, and junior standing

Credits:

3.00

Description:

This course explores multicultural diversity in business organizations. In order to learn to effectively manage diversity in the workplace, it is first necessary to become familiar with the concepts and dynamics that underlie many of the organizational issues associated with increased diversity in the workplace. Thus, this course is structured to first study topics such as identity, perception, socialization, stereotyping, and prejudice. With these concepts as a foundation, we will explore the opportunities and challenges created by diversity in the workplace. We will consider issues and dynamics that arise in the workplace as a result of diversity in terms of gender, race, national origin, sexual orientation, and religion. After developing a rich understanding of workplace diversity dynamics, we will consider actions that individuals and organizations can take to address the opportunities and challenges inherent in a diverse workforce to gain competitive advantage. .

Term:

Offered Both Fall and Spring

- **MGT-330 Interpersonal Effectiveness**

Prerequisites:

SBS 101 and Junior standing

Credits:

3.00

Description:

This course provides students with knowledge of and skills in interpersonal effectiveness. The course is designed to convey the importance of interpersonal skills in today's business climate. Students learn and develop interpersonal skills commonly required of supervisors/managers.

Term:

Offered Both Fall and Spring

- **MGT-335 Managing Across Cultures**

Prerequisites:

MGT 101

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

- **MKT-210 Principles of Marketing**

Prerequisites:

Take ENG-101 or ENG-103;

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.

- **P.AD-321 Foundations of Pub Organ Admin**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course provides an overview of public administration and service and serves as the basis for advanced studies in the MPA program. This course covers the structure, functions, and processes of public service organizations at various levels, including governments and nonprofit organizations. Students explore historical trends, ethical considerations, and political rationale for the present operations of public service.

- **P.AD-322 Organizational Change**

Prerequisites:

Junior standing

Credits:

3.00

Description:

Students explore small groups and organizational operations, practices, behaviors, and structure. They develop techniques for maximizing efficiency and/or effectiveness; evaluations analysis; concepts and applications of the Classicists; leadership; organizational development; and results-oriented management; as well as elements of reorganization, innovation, and change.

- **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.

- **P.AD-326 Public Service Information Based Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course demonstrates how issues, problems and questions surrounding public policies, program operations, and administrative systems can be structured as hypotheses and made amendable to resolution through the application of social science research techniques. The elements of research design such as surveys, true experiments, quasi-experiments, case studies and non-experimental studies are described, as well as sampling techniques and descriptive statistics. Ethical issues related to employment of these methods in the policy making process are also explored. The course content is presented as a way to reduce managerial uncertainty regarding alternative courses of action.

- **P.AD-361 Public Service Human Resource Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course will explore complex issues in public and non-profit human resource management (HRM) by examining policies and practices that support and enhance the value and contribution of individuals in these organizations.

Functional Business Minors for CAS Students

4–6 courses, 12–18 credits

In general, College of Arts and Sciences students may undertake a functional business minor when they have achieved junior standing and have completed SBS 101. Many of the courses require prerequisites. Please review the appropriate business department section for functional minor requirements.

2013-2014 Archived Catalog Information

Undergraduate Requirements

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [BSBA Degree Requirements](#)
- [Credits vs. Courses](#)
- [Internship/Experiential Requirement](#)
- [Double Majors](#)
- [Business & CAS Double Majors](#)

All students who entered the University in fall 2007 and later MUST complete a minimum of 124 credits, AND all of their required courses. Students may occasionally choose a 3-credit course option where 4 credits are required. When this occurs, the student must be sure to complete the remaining credit as a part of his or her free electives. An example of this is when a student chooses the P.AD 201 course option to fulfill the "Social Change in the US & Abroad" requirement, which is a 4-credit requirement.

2013-2014 Archived Catalog Information

Undergraduate Requirements

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [BSBA Degree Requirements](#)
- [Credits vs. Courses](#)
- [Internship/Experiential Requirement](#)
- [Double Majors](#)
- [Business & CAS Double Majors](#)

We encourage all students to take advantage of internship opportunities. However, internships are required for several majors. We call this the "Experiential Requirement." Refer to your specific major's web pages or catalog page for details.

2013-2014 Archived Catalog Information

Undergraduate Requirements

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [BSBA Degree Requirements](#)
- [Credits vs. Courses](#)
- [Internship/Experiential Requirement](#)
- [Double Majors](#)
- [Business & CAS Double Majors](#)

You may double major in any combination of the Business School majors. Double majors often earn more than the 124 credits required for graduation, particularly if they already completed some of their free electives prior to starting the second major.

Each course may only be used to fill one degree requirement. It may be possible for double majors to double count one course across both majors, if approved by both departments.

This is an example of how to build a double major:

For a student double majoring in Accounting and Management, the Accounting Program of Study should be used as the primary because Accounting is more complex, with 8 major courses and an experiential component, whereas Management has only 6 required courses.

In order to add a second major in Management, you would look up the required courses for that major and then plan to take all six using the free elective slots on the Accounting Program of Study. You should meet with the “primary” major advisor for all program requirements and the “secondary” major advisor for advising on the second major’s requirements. We recommend that you also meet with the Undergraduate Programs Office during the semester to develop a multi-year academic plan to ensure you’re on track.

2013-2014 Archived Catalog Information

Undergraduate Requirements

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [BSBA Degree Requirements](#)
- [Credits vs. Courses](#)
- [Internship/Experiential Requirement](#)
- [Double Majors](#)
- [Business & CAS Double Majors](#)

You may double major across schools if you're earning the BSBA degree and the CAS department agrees to the double major. You should meet with the Undergraduate Programs Office to design an academic plan.

2013-2014 Archived Catalog Information

Accounting

Mission and Objectives

The Accounting Department provides quality accounting education in contemporary subject matter in a supportive environment. Dedicated and qualified faculty ensure that our undergraduate and graduate programs develop competent and confident graduates, prepared for the challenges of a global business environment. Our graduates compete for entry-level and higher positions and advance successfully as financial professionals in public accounting in a broad range of industries and government. The Department also offers courses to support other programs offered by the Sawyer Business School.

Our goals include earning an excellent reputation because of the quality of our graduates, improving the quality and relevance of our intellectual contributions, advancing constructive relationships with professional and other relevant communities, and enhancing our collegiality within the Department, the School and the University.

Accounting Major Description

The Accounting Department prepares students for professional careers in public accounting, accounting and financial management in business and industry, not-for-profit organizations, and government agencies. The Accounting Department is accredited by AACSB International, making the Business School's BSBA in Accounting major the only AACSB International-accredited accounting program in Boston.

Professional Requirements

The Commonwealth of Massachusetts mandates a minimum of 120 semester hours, with specific course requirements, to sit for the Uniform CPA exam. 150 semester hours are required; earned as part of a bachelor's degree, master's degree, or both to become a licensed CPA. The 4+1 programs (MSA and MST) are two options designed to enable students to satisfy the licensure requirement. There are recommended tracks in these 4+1 programs designed to meet the Massachusetts requirements and prepare students for successful careers in accounting. Students who plan to qualify as CPAs other than in Massachusetts should ascertain from the respective states or jurisdictions the specific requirements with which they must comply.

Additional professional accrediting bodies in accounting and auditing, in particular the Institute of Management Accountants (which supports the CMA qualification) and the Institute of Certified Internal Auditors (which supports the CIA qualification), have not enacted a 150-hour educational requirement. Nevertheless, Suffolk's Accounting Department recommends you consider the 4+1 program options to prepare yourself for professional careers as accountants. These options provide elective tracks that are designed to prepare you for rewarding careers in various fields in addition to public accounting such as corporate accounting, international accounting, tax advising, financial planning, not-for-profit accounting, and governmental accounting.

Accounting course offerings are designed to allow completion of the accounting major through part- or full-time study, in day and evening courses (including some online course offerings).

- [Major Requirements](#)
- [Minor Requirements](#)
- [4 + 1 Degree Programs](#)
- [Courses](#)
- [Faculty](#)

Accounting Major Requirements

The BSBA in Accounting requires completion of 24 credit hours in accounting beyond the completion of ACCT 201, Accounting for Decision Making I and ACCT 202, Accounting for Decision Making II. A cumulative grade point average of at least 2.0 in the accounting major and a cumulative grade point average of 2.0 overall must be maintained to graduate.

Accounting majors must complete 150 hours of pre-professional or professional accounting experience prior to graduating.

Accounting majors are assigned a faculty advisor from the Accounting Department to assist them in planning their program of studies and advise them on academic and career matters.

Accounting Major Required Courses, 7 Courses, 21 Credits

- **ACCT-320 Federal Taxation I**

Prerequisites:

ACCT 202

Credits:

3.00

Description:

This first course in taxation concentrates on the federal income taxation of individuals with some discussion of business taxation. The objective of the course is to explore the basic structure of individual income taxation, including the individual tax formula, income, deductions and credits and an introduction to property transactions. A major emphasis is placed on how tax laws affect everyday personal and business decisions.

- **ACCT-321 Intermediate Accounting I**

Prerequisites:

ACCT 202; JUNIOR STANDING

Credits:

3.00

Description:

Review of basic financial accounting concepts followed by an examination of selected balance sheet and income statement items. The focus of this communications intensive course is on the valuation and reporting of current and non-current assets and liabilities. The income determination aspects of these items are also considered.

- **ACCT-322 Intermediate Accounting II**

Prerequisites:

ACCT 321 (completed with C or better)

Credits:

3.00

Description:

An examination of selected balance sheet and statement items. The focus of this communications intensive course is on the valuation and reporting of investments, and stockholders' equity. The income determination aspects of these items are also considered, along with special topics such as pensions, leases, deferred taxes, and cash flows.

- **ACCT-331 Cost Accounting**

Prerequisites:

ACCT 202

Credits:

3.00

Description:

Concepts and procedures underlying the development of a cost accounting system for managerial decisions, control and performance reporting. The basic ideas of responsibility accounting are introduced.

- **ACCT-430 Accounting Information Systems**

Prerequisites:

ACCT 322; ISOM 310 or ISOM 423

Credits:

3.00

Description:

The design, operation, and use of accounting information systems. The functional relationships of the AIS within an organization are examined. A background in automated data processing, along with the important human and organizational considerations in system design and implementation, are also covered.

- **ACCT-431 Auditing and Assurance Services**

Prerequisites:

ACCT 321 AND ACCT 331

Credits:

3.00

Description:

An advanced study of auditing process and philosophy. Preparation of audit working papers supporting an audit examination, and the report and opinion of the auditor to management, stockholders, and others are covered. This communications intensive course deals with internal auditing, environmental compliance and systems assurance.

- **ACCT-450 Accounting Theory & Practice**

Prerequisites:

ACCT 431 (may be taken Concurrently)

Credits:

3.00

Description:

Addresses the non-technical foundations of accounting for CFOs, Audit Partners, FASB Members, and other leadership roles in accounting and finance. Core elements include knowledge leadership, networking, and innovation. Subject matter combines current financial issues with traditional and radical concepts. However, the primary objective is to provide practice in forming and expressing opinions and taking a stand, using communication for impact, anticipating and managing ethical conflicts, and clarifying one's own guiding principles.

Accounting Elective Courses, 1 Course, 3 Credits

Select one from the following:

- **ACCT-310 International Business Accounting**

Prerequisites:

Take FIN-310 ACCT-331;

Credits:

3.00

Description:

This course explores economic, political and cultural variables that shape accounting and disclosure in various countries. Students also gain an understanding of international financial reporting standards and the forces for convergence between IFRS and USGAAP. Financial analysis in a multifinancial context.

- **ACCT-415 Not-For-Profit Acct & Control**

Prerequisites:

ACCT 331

Credits:

3.00

Description:

It's a study of accounting principles, financial reporting, and methods of budgeting and controlling operations in government agencies, charitable foundations, hospitals, universities and other not-for-profit organizations.

• **ACCT-422 Federal Taxation II**

Prerequisites:

ACCT 320

Credits:

3.00

Description:

Covers advanced individual tax topics such as cost recovery, itemized deductions, passive activity losses, AMT and complex basis rules, and covers the operation and formation of C corporations.

• **ACCT-432 Advanced Accounting**

Prerequisites:

ACCT 322, and Junior standing

Credits:

3.00

Description:

Coverage of accounting issues and procedures involve in business combinations and consolidated financial statement, partnerships, multinational issues and foreign currency issues.

Pre-Professional Experience, Non-Credit

• ACCT-560 Experiential Component

Prerequisites:

Instructor's consent required

Credits:

0.00

Description:

Candidates require an approved record of 150 hours of accounting experience. Experience may be acquired through internship, part-or full-time employment, or cooperative education. Approval must be obtained from the Accounting Department. Accounting majors must register for the experiential component during the semester in which they will complete the required 150 hours.

Accounting majors must complete 150 hours of preprofessional or professional accounting experience prior to graduating. Experience may be acquired through an internship, part- or full-time employment, or a cooperative education position. Students register for ACCT 560 Experiential Component during or immediately following the semester in which they complete the required 150 hours. The experiential component carries no academic credit, does not require any tuition, and will be graded pass/fail. Approval of this experience must be obtained from the Accounting Department.

2013-2014 Archived Catalog Information

Accounting

Mission and Objectives

The Accounting Department provides quality accounting education in contemporary subject matter in a supportive environment. Dedicated and qualified faculty ensure that our undergraduate and graduate programs develop competent and confident graduates, prepared for the challenges of a global business environment. Our graduates compete for entry-level and higher positions and advance successfully as financial professionals in public accounting in a broad range of industries and government. The Department also offers courses to support other programs offered by the Sawyer Business School.

Our goals include earning an excellent reputation because of the quality of our graduates, improving the quality and relevance of our intellectual contributions, advancing constructive relationships with professional and other relevant communities, and enhancing our collegiality within the Department, the School and the University.

Accounting Major Description

The Accounting Department prepares students for professional careers in public accounting, accounting and financial management in business and industry, not-for-profit organizations, and government agencies. The Accounting Department is accredited by AACSB International, making the Business School's BSBA in Accounting major the only AACSB International-accredited accounting program in Boston.

Professional Requirements

The Commonwealth of Massachusetts mandates a minimum of 120 semester hours, with specific course requirements, to sit for the Uniform CPA exam. 150 semester hours are required; earned as part of a bachelor's degree, master's degree, or both to become a licensed CPA. The 4+1 programs (MSA and MST) are two options designed to enable students to satisfy the licensure requirement. There are recommended tracks in these 4+1 programs designed to meet the Massachusetts requirements and prepare students for successful careers in accounting. Students who plan to qualify as CPAs other than in Massachusetts should ascertain from the respective states or jurisdictions the specific requirements with which they must comply.

Additional professional accrediting bodies in accounting and auditing, in particular the Institute of Management Accountants (which supports the CMA qualification) and the Institute of Certified Internal Auditors (which supports the CIA qualification), have not enacted a 150-hour educational requirement. Nevertheless, Suffolk's Accounting Department recommends you consider the 4+1 program options to prepare yourself for professional careers as accountants. These options provide elective tracks that are designed to prepare you for rewarding careers in various fields in addition to public accounting such as corporate accounting, international accounting, tax advising, financial planning, not-for-profit accounting, and governmental accounting.

Accounting course offerings are designed to allow completion of the accounting major through part- or full-time study, in day and evening courses (including some online course offerings).

- [Major Requirements](#)
- [Minor Requirements](#)
- [4 + 1 Degree Programs](#)
- [Courses](#)
- [Faculty](#)

Accounting Minor for Business Students, 3 courses, 9 credits

The minor requires the completion of the following three required courses (nine credit hours) beyond the completion of ACCT 201, Accounting for Decision Making I and ACCT 202, Accounting for Decision Making II.

- **ACCT-321 Intermediate Accounting I**

Prerequisites:

ACCT 202; JUNIOR STANDING

Credits:

3.00

Description:

Review of basic financial accounting concepts followed by an examination of selected balance sheet and income statement items. The focus of this communications intensive course is on the valuation and reporting of current and non-current assets and liabilities. The income determination aspects of these items are also considered.

- **ACCT-322 Intermediate Accounting II**

Prerequisites:

ACCT 321 (completed with C or better)

Credits:

3.00

Description:

An examination of selected balance sheet and statement items. The focus of this communications intensive course is on the valuation and reporting of investments, and stockholders' equity. The income determination aspects of these items are also considered, along with special topics such as pensions, leases, deferred taxes, and cash flows.

- **ACCT-331 Cost Accounting**

Prerequisites:

ACCT 202

Credits:

3.00

Description:

Concepts and procedures underlying the development of a cost accounting system for managerial decisions, control and performance reporting. The basic ideas of responsibility accounting are introduced.

Accounting Minor for College of Arts and Sciences Students, 6 courses, 18 credits

In general, College of Arts and Sciences students may only undertake a functional business minor when they have achieved junior standing and have completed SBS 101 Business Foundations.

After SBS 101, College students are required to take all of the following:

- **ACCT-201 Acct for Decision Making I**

Prerequisites:

ENG 102; ISOM 120; MATH 130, or MATH 134, or MATH 146, or MATH 161, or MATH 165

Credits:

3.00

Description:

Designed to provide a user of accounting information with the skills to appraise and manage a business. Students are introduced to the accounting cycle, the financial statements, and the theory underlying accounting as information. Coverage addresses current accounting topics, including relevant ethical and international issues found in the financial press.

- **ACCT-202 Acct for Decision Making II**

Prerequisites:

ACCT-201

Credits:

3.00

Description:

Enables students to apply the concepts and skills from the preceding course. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Relevant current ethical and competitive issues found in the financial press are discussed in the course.

- **ACCT-321 Intermediate Accounting I**

Prerequisites:

ACCT 202; JUNIOR STANDING

Credits:

3.00

Description:

Review of basic financial accounting concepts followed by an examination of selected balance sheet and income statement items. The focus of this communications intensive course is on the valuation and reporting of current and non-current assets and liabilities. The income determination aspects of these items are also considered.

- **ACCT-322 Intermediate Accounting II**

Prerequisites:

ACCT 321 (completed with C or better)

Credits:

3.00

Description:

An examination of selected balance sheet and statement items. The focus of this communications intensive course is on the valuation and reporting of investments, and stockholders' equity. The income determination aspects of these items are also considered, along with special topics such as pensions, leases, deferred taxes, and cash flows.

- **ACCT-331 Cost Accounting**

Prerequisites:

ACCT 202

Credits:

3.00

Description:

Concepts and procedures underlying the development of a cost accounting system for managerial decisions, control and performance reporting. The basic ideas of responsibility accounting are introduced.

2013-2014 Archived Catalog Information

Accounting

Mission and Objectives

The Accounting Department provides quality accounting education in contemporary subject matter in a supportive environment. Dedicated and qualified faculty ensure that our undergraduate and graduate programs develop competent and confident graduates, prepared for the challenges of a global business environment. Our graduates compete for entry-level and higher positions and advance successfully as financial professionals in public accounting in a broad range of industries and government. The Department also offers courses to support other programs offered by the Sawyer Business School.

Our goals include earning an excellent reputation because of the quality of our graduates, improving the quality and relevance of our intellectual contributions, advancing constructive relationships with professional and other relevant communities, and enhancing our collegiality within the Department, the School and the University.

Accounting Major Description

The Accounting Department prepares students for professional careers in public accounting, accounting and financial management in business and industry, not-for-profit organizations, and government agencies. The Accounting Department is accredited by AACSB International, making the Business School's BSBA in Accounting major the only AACSB International-accredited accounting program in Boston.

Professional Requirements

The Commonwealth of Massachusetts mandates a minimum of 120 semester hours, with specific course requirements, to sit for the Uniform CPA exam. 150 semester hours are required; earned as part of a bachelor's degree, master's degree, or both to become a licensed CPA. The 4+1 programs (MSA and MST) are two options designed to enable students to satisfy the licensure requirement. There are recommended tracks in these 4+1 programs designed to meet the Massachusetts requirements and prepare students for successful careers in accounting. Students who plan to qualify as CPAs other than in Massachusetts should ascertain from the respective states or jurisdictions the specific requirements with which they must comply.

Additional professional accrediting bodies in accounting and auditing, in particular the Institute of Management Accountants (which supports the CMA qualification) and the Institute of Certified Internal Auditors (which supports the CIA qualification), have not enacted a 150-hour educational requirement. Nevertheless, Suffolk's Accounting Department recommends you consider the 4+1 program options to prepare yourself for professional careers as accountants. These options provide elective tracks that are designed to prepare you for rewarding careers in various fields in addition to public accounting such as corporate accounting, international accounting, tax advising, financial planning, not-for-profit accounting, and governmental accounting.

Accounting course offerings are designed to allow completion of the accounting major through part- or full-time study, in day and evening courses (including some online course offerings).

- [Major Requirements](#)
- [Minor Requirements](#)
- [4 + 1 Degree Programs](#)
- [Courses](#)
- [Faculty](#)

The Accounting Department offers the following 4 + 1 degree options:

- MS in Accounting (MSA)
- MS in Taxation (MST)
- MS in Finance (MSF)
- MS in Financial Services & Banking (MSFSB)
- MSA/MSF
- MSA/MST

Suffolk University's 4+1 Programs were developed for those wanting a deeper and more comprehensive preparation for their careers as accountants. It is designed for top undergraduate accounting majors from Suffolk or other American universities and colleges. It allows those students with a 3.5 or higher cumulative GPA in their final semester of their senior year, from all U.S. institutions, to apply to our MS in Accounting, MS in Taxation, combined MSA/MST or combined MSA/MSF Programs without having to take the GMAT or GRE exam. Qualified students whose GPA is below 3.5 are encouraged to apply, but must successfully complete the GMAT or GRE exam.

Our programs emphasize deep accounting and/or tax knowledge, analytical skills and information technology, and a broad perspective on the professional and institutional aspects of the practice of accounting. A recommended track in this program meets the requirements for taking the Uniform CPA Examination in Massachusetts. Students normally apply for entry to the MSA or MST during their final semester of their senior year, or shortly after, and must meet all of the requirements for admission. After completing their Bachelor's degree, they work toward their MSA or MST on a full-or part-time basis. Students normally complete the graduate program with one year of full-time study. Our program is flexible to accommodate the needs of working professionals.

2013-2014 Archived Catalog Information

Accounting

Mission and Objectives

The Accounting Department provides quality accounting education in contemporary subject matter in a supportive environment. Dedicated and qualified faculty ensure that our undergraduate and graduate programs develop competent and confident graduates, prepared for the challenges of a global business environment. Our graduates compete for entry-level and higher positions and advance successfully as financial professionals in public accounting in a broad range of industries and government. The Department also offers courses to support other programs offered by the Sawyer Business School.

Our goals include earning an excellent reputation because of the quality of our graduates, improving the quality and relevance of our intellectual contributions, advancing constructive relationships with professional and other relevant communities, and enhancing our collegiality within the Department, the School and the University.

Accounting Major Description

The Accounting Department prepares students for professional careers in public accounting, accounting and financial management in business and industry, not-for-profit organizations, and government agencies. The Accounting Department is accredited by AACSB International, making the Business School's BSBA in Accounting major the only AACSB International-accredited accounting program in Boston.

Professional Requirements

The Commonwealth of Massachusetts mandates a minimum of 120 semester hours, with specific course requirements, to sit for the Uniform CPA exam. 150 semester hours are required; earned as part of a bachelor's degree, master's degree, or both to become a licensed CPA. The 4+1 programs (MSA and MST) are two options designed to enable students to satisfy the licensure requirement. There are recommended tracks in these 4+1 programs designed to meet the Massachusetts requirements and prepare students for successful careers in accounting. Students who plan to qualify as CPAs other than in Massachusetts should ascertain from the respective states or jurisdictions the specific requirements with which they must comply.

Additional professional accrediting bodies in accounting and auditing, in particular the Institute of Management Accountants (which supports the CMA qualification) and the Institute of Certified Internal Auditors (which supports the CIA qualification), have not enacted a 150-hour educational requirement. Nevertheless, Suffolk's Accounting Department recommends you consider the 4+1 program options to prepare yourself for professional careers as accountants. These options provide elective tracks that are designed to prepare you for rewarding careers in various fields in addition to public accounting such as corporate accounting, international accounting, tax advising, financial planning, not-for-profit accounting, and governmental accounting.

Accounting course offerings are designed to allow completion of the accounting major through part- or full-time study, in day and evening courses (including some online course offerings).

- [Major Requirements](#)
- [Minor Requirements](#)
- [4 + 1 Degree Programs](#)
- [Courses](#)
- [Faculty](#)

- **ACCT-201 Acct for Decision Making I**

Prerequisites:

ENG 102; ISOM 120; MATH 130, or MATH 134, or MATH 146, or MATH 161, or MATH 165

Credits:

3.00

Description:

Designed to provide a user of accounting information with the skills to appraise and manage a business. Students are introduced to the accounting cycle, the financial statements, and the theory underlying accounting as information. Coverage addresses current accounting topics, including relevant ethical and international issues found in the financial press.

- **ACCT-H201 Honors Acct Dec Making I**

Prerequisites:

ENG 102; ISOM 120; MATH 130, 134, 146, or 161; 3.2 GPA

Credits:

3.00

Description:

Designed to provide a user of accounting information with the skills to appraise and manage a business. Students are introduced to the accounting cycle, the financial statements, and the theory underlying accounting as information. Coverage addresses current accounting topics, including relevant ethical and international issues found in the financial press.

- **ACCT-202 Acct for Decision Making II**

Prerequisites:

ACCT-201

Credits:

3.00

Description:

Enables students to apply the concepts and skills from the preceding course. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Relevant current ethical and competitive issues found in the financial press are discussed in the course.

- **ACCT-H202 Honors Acct for Dec Making II**

Prerequisites:

ACCT 201 Honors Section, GPA of 3.2 or higher

Credits:

3.00

Description:

Enables students to apply the concepts and skills from the preceding course. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Relevant current ethical and competitive issues found in the financial press are discussed in the course.

- **ACCT-310 International Business Accounting**

Prerequisites:

Take FIN-310 ACCT-331;

Credits:

3.00

Description:

This course explores economic, political and cultural variables that shape accounting and disclosure in various countries. Students also gain an understanding of international financial reporting standards and the forces for convergence between IFRS and USGAAP. Financial analysis in a multifinancial context.

- **ACCT-320 Federal Taxation I**

Prerequisites:

ACCT 202

Credits:

3.00

Description:

This first course in taxation concentrates on the federal income taxation of individuals with some discussion of business taxation. The objective of the course is to explore the basic structure of individual income taxation, including the individual tax formula, income, deductions and credits and an introduction to property transactions. A major emphasis is placed on how tax laws affect everyday personal and business decisions.

- **ACCT-321 Intermediate Accounting I**

Prerequisites:

ACCT 202; JUNIOR STANDING

Credits:

3.00

Description:

Review of basic financial accounting concepts followed by an examination of selected balance sheet and income statement items. The focus of this communications intensive course is on the valuation and reporting of current and non-current assets and liabilities. The income determination aspects of these items are also considered.

- **ACCT-322 Intermediate Accounting II**

Prerequisites:

ACCT 321 (completed with C or better)

Credits:

3.00

Description:

An examination of selected balance sheet and statement items. The focus of this communications intensive course is on the valuation and reporting of investments, and stockholders' equity. The income determination aspects of these items are also considered, along with special topics such as pensions, leases, deferred taxes, and cash flows.

- **ACCT-331 Cost Accounting**

Prerequisites:

ACCT 202

Credits:

3.00

Description:

Concepts and procedures underlying the development of a cost accounting system for managerial decisions, control and performance reporting. The basic ideas of responsibility accounting are introduced.

- **ACCT-415 Not-For-Profit Acct & Control**

Prerequisites:

ACCT 331

Credits:

3.00

Description:

It's a study of accounting principles, financial reporting, and methods of budgeting and controlling operations in government agencies, charitable foundations, hospitals, universities and other not-for-profit organizations.

- **ACCT-422 Federal Taxation II**

Prerequisites:

ACCT 320

Credits:

3.00

Description:

Covers advanced individual tax topics such as cost recovery, itemized deductions, passive activity losses, AMT and complex basis rules, and covers the operation and formation of C corporations.

- **ACCT-430 Accounting Information Systems**

Prerequisites:

ACCT 322; ISOM 310 or ISOM 423

Credits:

3.00

Description:

The design, operation, and use of accounting information systems. The functional relationships of the AIS within an organization are examined. A background in automated data processing, along with the important human and organizational considerations in system design and implementation, are also covered.

- **ACCT-431 Auditing and Assurance Services**

Prerequisites:

ACCT 321 AND ACCT 331

Credits:

3.00

Description:

An advanced study of auditing process and philosophy. Preparation of audit working papers supporting an audit examination, and the report and opinion of the auditor to management, stockholders, and others are covered. This communications intensive course deals with internal auditing, environmental compliance and systems assurance.

- **ACCT-432 Advanced Accounting**

Prerequisites:

ACCT 322, and Junior standing

Credits:

3.00

Description:

Coverage of accounting issues and procedures involve in business combinations and consolidated financial statement, partnerships, multinational issues and foreign currency issues.

- **ACCT-450 Accounting Theory & Practice**

Prerequisites:

ACCT 431 (may be taken Concurrently)

Credits:

3.00

Description:

Addresses the non-technical foundations of accounting for CFOs, Audit Partners, FASB Members, and other leadership roles in accounting and finance. Core elements include knowledge leadership, networking, and innovation. Subject matter combines current financial issues with traditional

and radical concepts. However, the primary objective is to provide practice in forming and expressing opinions and taking a stand, using communication for impact, anticipating and managing ethical conflicts, and clarifying one's own guiding principles.

- **ACCT-510 Independent Study**

Prerequisites:

ACCT 322, ACCT 331 or approval from dept. chair

Credits:

3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

- **ACCT-560 Experiential Component**

Prerequisites:

Instructor's consent required

Credits:

0.00

Description:

Candidates require an approved record of 150 hours of accounting experience. Experience may be acquired through internship, part-or full-time employment, or cooperative education. Approval must be obtained from the Accounting Department. Accounting majors must register for the experiential component during the semester in which they will complete the required 150 hours.

2013-2014 Archived Catalog Information

Accounting

Mission and Objectives

The Accounting Department provides quality accounting education in contemporary subject matter in a supportive environment. Dedicated and qualified faculty ensure that our undergraduate and graduate programs develop competent and confident graduates, prepared for the challenges of a global business environment. Our graduates compete for entry-level and higher positions and advance successfully as financial professionals in public accounting in a broad range of industries and government. The Department also offers courses to support other programs offered by the Sawyer Business School.

Our goals include earning an excellent reputation because of the quality of our graduates, improving the quality and relevance of our intellectual contributions, advancing constructive relationships with professional and other relevant communities, and enhancing our collegiality within the Department, the School and the University.

Accounting Major Description

The Accounting Department prepares students for professional careers in public accounting, accounting and financial management in business and industry, not-for-profit organizations, and government agencies. The Accounting Department is accredited by AACSB International, making the Business School's BSBA in Accounting major the only AACSB International-accredited accounting program in Boston.

Professional Requirements

The Commonwealth of Massachusetts mandates a minimum of 120 semester hours, with specific course requirements, to sit for the Uniform CPA exam. 150 semester hours are required; earned as part of a bachelor's degree, master's degree, or both to become a licensed CPA. The 4+1 programs (MSA and MST) are two options designed to enable students to satisfy the licensure requirement. There are recommended tracks in these 4+1 programs designed to meet the Massachusetts requirements and prepare students for successful careers in accounting. Students who plan to qualify as CPAs other than in Massachusetts should ascertain from the respective states or jurisdictions the specific requirements with which they must comply.

Additional professional accrediting bodies in accounting and auditing, in particular the Institute of Management Accountants (which supports the CMA qualification) and the Institute of Certified Internal Auditors (which supports the CIA qualification), have not enacted a 150-hour educational requirement. Nevertheless, Suffolk's Accounting Department recommends you consider the 4+1 program options to prepare yourself for professional careers as accountants. These options provide elective tracks that are designed to prepare you for rewarding careers in various fields in addition to public accounting such as corporate accounting, international accounting, tax advising, financial planning, not-for-profit accounting, and governmental accounting.

Accounting course offerings are designed to allow completion of the accounting major through part- or full-time study, in day and evening courses (including some online course offerings).

- [Major Requirements](#)
- [Minor Requirements](#)
- [4 + 1 Degree Programs](#)
- [Courses](#)
- [Faculty](#)

Professors: Rahman

Associate Professors: Angelini, Fuerman, Markelevich, Muehlmann, Shaw (Chair)

Assistant Professors: Demirkan, Feng, Gomaa, Mistry, Nolder, Riley

Instructors: Driscoll, Potvin, Whalen

Executive in Residence: Pustorino

2013-2014 Archived Catalog Information

Business Law and Ethics

The Business Law and Ethics Department offers two undergraduate minors:

The **Legal Studies minor** provides insight into the study of law and complements majors in both the Business School and the College of Arts and Sciences. It contributes to a comprehensive pre-law experience and is valuable to students who intend to go to Law School.

The **Real Estate minor** is for students who have an interest in pursuing a career in real estate, real estate development, or working for a larger firm that owns and manages multiple properties. Real Estate courses teach the importance of real estate in the business model and the implementation of development and the importance of physical real estate assets.

Students may also take Business Law and Ethics courses as electives. Our courses cut across traditional disciplinary lines by examining the theory, content, and practice of the modern legal system in both domestic and international settings. Law is addressed in a historical and evolutionary context and as a key linkage in a market economy between various social and ethical demands on businesses and government responses in order to maintain harmony, justice, and predictability in the social order. Students gain a broader and more comprehensive appreciation of how the commercial system functions in the United States and other countries, while enriching their understanding of other business disciplines.

Business Ethics courses teach students to identify and analyze moral dilemmas and raise awareness of the complex ethical issues that affect the many facets of global business in today's world.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Legal Studies Minor Requirements](#)
- [Real Estate Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

Legal Studies Minor for Business Students, 3 courses, 9 credits

Select three of the following courses in addition to completion of BLE 214 Principles of Business Law:

- BLE-315 Legal and Financial Aspects of Business Organizations

Prerequisites:

BLE 214

Credits:

3.00

Description:

The formation, strategic use, and financial implications of alternative forms of business organization, namely partnerships, corporations, trusts, subchapter corporations, and the new limited liability hybrids.

- **BLE-316 Legal Aspects of Commercial and Employment Transactions**

Prerequisites:

BLE-214

Credits:

3.00

Description:

A study of the key elements of modern commercial law related to carrying on a successful business enterprise including sales of goods, employment law, financing, security, and insurance transactions.

Term:

Offered Fall Term

- **BLE-317 Managing in the Global Legal Environment**

Prerequisites:

B.LW 214 OR BLE 214

Credits:

3.00

Description:

This course surveys the global legal environment of business. Emphasis is on case analysis of topics such as sovereignty, extraterritoriality, treaties, international contracts, arbitration, and the European Union. The managerial and economic significance of these topics is explored.

Term:

Offered Both Fall and Spring

- **BLE-510 Independent Study in Business**

Prerequisites:

Approval of Dept Chair or Dean

Credits:

3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

- **BLE-550 Special Topics in Legal Studies**

Credits:

3.00

Description:

The special topic content and objective will be announced as the course is scheduled.

Select 3 of the following courses in addition to completion of SBS 101 Business Foundations and BLE-214 Principles of Business Law:

- **BLE-215 Business Ethics and Law**

Credits:

3.00

Description:

Business ethics is applied ethics. This course deals with the roles and responsibilities of business in a global society; teaches models of ethical decision-making that incorporate multiple points of view, including diverse cultural worldviews and legal perspectives; and addresses those factors that contribute to and constrain ethical behavior in and by organizations. Students will then apply these concepts to current business problems, such as anti-trust, accounting fraud, deceptive advertising, and environmental dumping.

Term:

Offered Both Fall and Spring

- **BLE-315 Legal and Financial Aspects of Business Organizations**

Prerequisites:

BLE 214

Credits:

3.00

Description:

The formation, strategic use, and financial implications of alternative forms of business organization, namely partnerships, corporations, trusts, subchapter corporations, and the new limited liability hybrids.

- **BLE-316 Legal Aspects of Commercial and Employment Transactions**

Prerequisites:

BLE-214

Credits:

3.00

Description:

A study of the key elements of modern commercial law related to carrying on a successful business enterprise including sales of goods, employment law, financing, security, and insurance transactions.

Term:

Offered Fall Term

- **BLE-317 Managing in the Global Legal Environment**

Prerequisites:

B.LW 214 OR BLE 214

Credits:

3.00

Description:

This course surveys the global legal environment of business. Emphasis is on case analysis of topics such as sovereignty, extraterritoriality, treaties, international contracts, arbitration, and the European Union. The managerial and economic significance of these topics is explored.

Term:

Offered Both Fall and Spring

- **BLE-318 Intro to Real Estate Principles**

Prerequisites:

Take BLE-214

Credits:

3.00

Description:

This course is designed to introduce beginning students to the concepts and principles of real estate. The class will allow students to understand the key components of each major real estate asset class (including residential, retail, commercial, industrial, hospitality, properties etc.). Students will also understand the full range of professional players in the industry and what roles they play (brokers, contractors, developers, appraisers, lenders, lawyers, architect, etc.). We will teach the basic elements of a Development Pro-forma Budget, an Operating Pro-forma Budget, and a Sources and Uses Statement? as we learn about some of the essential financial schedules. We begin our discussion with a case that will teach you how to get started and to explore the considerations and tradeoffs in evaluating a specific real estate transaction. The course format utilizes the text, case work, selected web based data sources, selected readings and field trips. Throughout the course, an emphasis is placed on the practical application of the concepts taught, the use of current examples from the industry and today's marketplace.

Term:

Offered Fall Term

• **BLE-319 Real Estate Development and Public Policy**

Prerequisites:

BLE-214;

Credits:

3.00

Description:

The students will explore the role of local, state and federal policy development in the real estate industry. Students will build fundamentals and explore the development process by investigating zoning, project review committees, community benefit packages, historic preservation concepts, environmental reviews, etc. We will specifically focus on the art of securing public approval for a broad range of real estate projects.

Term:

Offered Spring Term

• **BLE-550 Special Topics in Legal Studies**

Credits:

3.00

Description:

The special topic content and objective will be announced as the course is scheduled.

2013-2014 Archived Catalog Information

Business Law and Ethics

The Business Law and Ethics Department offers two undergraduate minors:

The **Legal Studies minor** provides insight into the study of law and complements majors in both the Business School and the College of Arts and Sciences. It contributes to a comprehensive pre-law experience and is valuable to students who intend to go to Law School.

The **Real Estate minor** is for students who have an interest in pursuing a career in real estate, real estate development, or working for a larger firm that owns and manages multiple properties. Real Estate courses teach the importance of real estate in the business model and the implementation of development and the importance of physical real estate assets.

Students may also take Business Law and Ethics courses as electives. Our courses cut across traditional disciplinary lines by examining the theory, content, and practice of the modern legal system in both domestic and international settings. Law is addressed in a historical and evolutionary context and as a key linkage in a market economy between various social and ethical demands on businesses and government responses in order to maintain harmony, justice, and predictability in the social order. Students gain a broader and more comprehensive appreciation of how the commercial system functions in the United States and other countries, while enriching their understanding of other business disciplines.

Business Ethics courses teach students to identify and analyze moral dilemmas and raise awareness of the complex ethical issues that affect the many facets of global business in today's world.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Legal Studies Minor Requirements](#)
- [Real Estate Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

Real Estate Minor for Business Students, 3 courses, 9 credits

Complete these three courses after completing BLE-214 Principles of Business Law:

- BLE-318 Intro to Real Estate Principles

Prerequisites:

Take BLE-214

Credits:

3.00

Description:

This course is designed to introduce beginning students to the concepts and principles of real estate. The class will allow students to understand the key components of each major real estate asset class (including residential, retail, commercial, industrial, hospitality, properties etc.). Students will also understand the full range of professional players in the industry and what roles they play (brokers, contractors, developers, appraisers, lenders, lawyers, architect, etc.). We will teach the basic elements of a Development Pro-forma Budget, an Operating Pro-forma Budget, and a Sources and Uses Statement? as we learn about some of the essential financial schedules. We begin our discussion with a case that will teach you how to get started and to explore the considerations and tradeoffs in evaluating a specific real estate transaction. The course format utilizes the text, case work, selected web based data sources, selected readings and field trips. Throughout the course, an emphasis is placed on the practical application of the concepts taught, the use of current examples from the industry and today's marketplace.

Term:

Offered Fall Term

• **BLE-319 Real Estate Development and Public Policy**

Prerequisites:

BLE-214;

Credits:

3.00

Description:

The students will explore the role of local, state and federal policy development in the real estate industry. Students will build fundamentals and explore the development process by investigating zoning, project review committees, community benefit packages, historic preservation concepts, environmental reviews, etc. We will specifically focus on the art of securing public approval for a broad range of real estate projects.

Term:

Offered Spring Term

- **FIN-317 Real Estate**

Prerequisites:

FIN-310

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

Any real estate special topics or independent study course may also count. Students should speak to their Real Estate Minor advisor in the department for further information.

Real Estate Minor for College of Arts and Sciences Students, 5 courses, 15 credits

In general, College of Arts and Science students may only undertake a business minor when they have achieved junior standing and have completed SBS 101 Business Foundations. Some of the courses below, however, may be completed in the sophomore year. See individual course descriptions for prerequisites.

Required courses for CAS students:

- **SBS-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

- **BLE-214 Principles of Business Law**

Credits:

3.00

Description:

An introduction to the field of business law including an overview of the organization and operation of the American legal system, including the court system and legal procedure, together with brief coverage of selected business law topics such as contracts, torts, criminal law, and agency principles. Particular attention is given to the ways in which business law manifests important social and ethical precepts.

Term:

Offered Both Fall and Spring

- **BLE-318 Intro to Real Estate Principles**

Prerequisites:

Take BLE-214

Credits:

3.00

Description:

This course is designed to introduce beginning students to the concepts and principles of real estate. The class will allow students to understand the key components of each major real estate asset class (including residential, retail, commercial, industrial, hospitality, properties etc.). Students will also understand the full range of professional players in the industry and what roles they play (brokers, contractors, developers, appraisers, lenders, lawyers, architect, etc.). We will teach the basic elements of a Development Pro-forma Budget, an Operating Pro-forma Budget, and a Sources and Uses Statement? as we learn about some of the essential financial schedules. We begin our discussion with a case that will teach you how to get started and to explore the considerations and tradeoffs in evaluating a specific real estate transaction. The course format utilizes the text, case work, selected web based data sources, selected readings and field trips. Throughout the course, an emphasis is placed on the practical application of the concepts taught, the use of current examples from the industry and today's marketplace.

Term:

Offered Fall Term

- **BLE-319 Real Estate Development and Public Policy**

Prerequisites:

BLE-214;

Credits:

3.00

Description:

The students will explore the role of local, state and federal policy development in the real estate industry. Students will build fundamentals and explore the development process by investigating zoning, project review committees, community benefit packages, historic preservation concepts, environmental reviews, etc. We will specifically focus on the art of securing public approval for a broad range of real estate projects.

Term:

Offered Spring Term

Take one elective course from the following list:

- **MKT-210 Principles of Marketing**

Prerequisites:

Take ENG-101 or ENG-103;

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.

- **MGT-401 Negotiations**

Prerequisites:

MGT 317 and 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

- **MGT-302 Developing Innovation Skills**

Credits:

3.00

Description:

This highly interactive and experiential course will help you to develop your creative skills for business and life success. Corporate leaders consider creativity [1] to be an essential skill. However, according to a recent Conference Board study [2], college graduates lack the creativity and innovation skills needed to succeed in the workplace. The Council on Competitiveness warns that companies that do not embrace innovation (and creativity) as a core business value will fall to global competition.[3] We will discuss meaning of life issues that will serve to clarify your thinking and help you align your values and belief-systems with what you do on a daily basis at work and throughout your life. A substantial body of evidence indicates that people tend to be more creative when working on projects that interest them, and most creative when passionately immersed in their endeavors. We will focus on enhancing creativity in the workplace to achieve defined organizational needs, to add economic value to the organization, and to create social value as well. We will also focus on helping you to understand and apply a wide array of creative processes and tools to develop your creative competencies and skills. We will use breakout groups, role plays, experiential exercises, and discussions to facilitate your learning. This course is an invitation to you to explore and define what you want to create in your life. [1] The Conference Board defines creativity/innovation as the ability to demonstrate originality, inventiveness in work, communicate new ideas to others, and integrate knowledge across disciplines. [2] Are They Ready To Work: Employers' Perspectives on the Basic Knowledge and Applied Skills of New Entrants to the 21st Century Workforce. 2006. [3] Innovate America: Thriving in a World of Challenge and Change. July, 2004. National Innovation Initiative, Council on Competitiveness.

Term:

Summer

• FIN-317 Real Estate

Prerequisites:

FIN-310

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

Any real estate special topics or independent study course may also count. Students may also contact the Business Law and Ethics Department to speak to the Real Estate Minor advisor for further information.

2013-2014 Archived Catalog Information

Business Law and Ethics

The Business Law and Ethics Department offers two undergraduate minors:

The **Legal Studies minor** provides insight into the study of law and complements majors in both the Business School and the College of Arts and Sciences. It contributes to a comprehensive pre-law experience and is valuable to students who intend to go to Law School.

The **Real Estate minor** is for students who have an interest in pursuing a career in real estate, real estate development, or working for a larger firm that owns and manages multiple properties. Real Estate courses teach the importance of real estate in the business model and the implementation of development and the importance of physical real estate assets.

Students may also take Business Law and Ethics courses as electives. Our courses cut across traditional disciplinary lines by examining the theory, content, and practice of the modern legal system in both domestic and international settings. Law is addressed in a historical and evolutionary context and as a key linkage in a market economy between various social and ethical demands on businesses and government responses in order to maintain harmony, justice, and predictability in the social order. Students gain a broader and more comprehensive appreciation of how the commercial system functions in the United States and other countries, while enriching their understanding of other business disciplines.

Business Ethics courses teach students to identify and analyze moral dilemmas and raise awareness of the complex ethical issues that affect the many facets of global business in today's world.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Legal Studies Minor Requirements](#)
- [Real Estate Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

- BLE-214 Principles of Business Law

Credits:

3.00

Description:

An introduction to the field of business law including an overview of the organization and operation of the American legal system, including the court system and legal procedure, together with brief coverage of selected business law topics such as contracts, torts, criminal law, and agency principles. Particular attention is given to the ways in which business law manifests important social and ethical precepts.

Term:

Offered Both Fall and Spring

- **BLE-H214 Honors Principles of Business Law**

Prerequisites:

GPA of 3.2 or above required.

Credits:

3.00

Description:

An introduction to the field of business law including an overview of the organization and operation of the American legal system, including the court system and legal procedure, together with brief coverage of selected business law topics such as contracts as examples of the legal system in practice. Particular attention is given to the ways in which business law manifests important social and ethical precepts.

Term:

Offered Spring Term

- **BLE-215 Business Ethics and Law**

Credits:

3.00

Description:

Business ethics is applied ethics. This course deals with the roles and responsibilities of business in a global society; teaches models of ethical decision-making that incorporate multiple points of view, including diverse cultural worldviews and legal perspectives; and addresses those factors that

contribute to and constrain ethical behavior in and by organizations. Students will then apply these concepts to current business problems, such as anti-trust, accounting fraud, deceptive advertising, and environmental dumping.

Term:

Offered Both Fall and Spring

- **BLE-H215 Honors Business Ethics and Law**

Prerequisites:

GPA of 3.2 or above required.

Credits:

3.00

Description:

Business ethics is applied ethics. This course deals with the roles and responsibilities of business in a global society; teaches models of ethical decision-making that incorporate multiple points of view, including diverse cultural worldviews and legal perspectives; and addresses those factors that contribute to and constrain ethical behavior in and by organizations. Students will then apply these concepts to current business problems, such as anti-trust, accounting fraud, deceptive advertising, and environmental dumping.

Term:

Offered Fall Term

- **BLE-310 I Want to Buy a Home**

Prerequisites:

Junior standing or above needed.

Credits:

1.00

Description:

This course teaches students all they have to know about purchasing a residence, starting with finding a home, to financing, inspections, documents, to final ownership conveyance.

Term:

Offered Fall Term

- **BLE-315 Legal and Financial Aspects of Business Organizations**

Prerequisites:

BLE 214

Credits:

3.00

Description:

The formation, strategic use, and financial implications of alternative forms of business organization, namely partnerships, corporations, trusts, subchapter corporations, and the new limited liability hybrids.

- **BLE-316 Legal Aspects of Commercial and Employment Transactions**

Prerequisites:

BLE-214

Credits:

3.00

Description:

A study of the key elements of modern commercial law related to carrying on a successful business enterprise including sales of goods, employment law, financing, security, and insurance transactions.

Term:

Offered Fall Term

- **BLE-317 Managing in the Global Legal Environment**

Prerequisites:

B.LW 214 OR BLE 214

Credits:

3.00

Description:

This course surveys the global legal environment of business. Emphasis is on case analysis of topics such as sovereignty, extraterritoriality, treaties, international contracts, arbitration, and the European Union. The managerial and economic significance of these topics is explored.

Term:

Offered Both Fall and Spring

- **BLE-318 Intro to Real Estate Principles**

Prerequisites:

Take BLE-214

Credits:

3.00

Description:

This course is designed to introduce beginning students to the concepts and principles of real estate. The class will allow students to understand the key components of each major real estate asset class (including residential, retail, commercial, industrial, hospitality, properties etc.). Students will also understand the full range of professional players in the industry and what roles they play (brokers, contractors, developers, appraisers, lenders, lawyers, architect, etc.). We will teach the basic elements of a Development Pro-forma Budget, an Operating Pro-forma Budget, and a Sources and Uses Statement? as we learn about some of the essential financial schedules. We begin our discussion with a case that will teach you how to get started and to explore the considerations and tradeoffs in evaluating a specific real estate transaction. The course format utilizes the text, case work, selected web based data sources, selected readings and field trips. Throughout the course, an emphasis is placed on the practical application of the concepts taught, the use of current examples from the industry and today's marketplace.

Term:

- **BLE-319 Real Estate Development and Public Policy**

Prerequisites:

BLE-214;

Credits:

3.00

Description:

The students will explore the role of local, state and federal policy development in the real estate industry. Students will build fundamentals and explore the development process by investigating zoning, project review committees, community benefit packages, historic preservation concepts, environmental reviews, etc. We will specifically focus on the art of securing public approval for a broad range of real estate projects.

Term:

Offered Spring Term

- **BLE-321 Corporate Crime and Financial Fraud**

Credits:

3.00

Description:

The course will present an in-depth study of corporate crime and financial fraud using case law and recent major corporate debacles as case studies (i.e.; Enron-publicly traded energy company and Refco-Wall Street commodities trading firm) to explain theories of corporate, managerial, and third party professional criminal liability. These case studies will closely examine the particular financial accounting devices and schemes employed to defraud various stakeholders, the failure of the industry "watchdogs" to detect the fraudulent schemes, and the regulatory and legislative response aimed at restoring confidence in the marketplace. Other selected topics include: corporate governance, corporate finance, corporate compliance programs, ethical misconduct by outside legal, accounting, investment and banking professionals, Sarbanes Oxley Act (SOX), Foreign Corrupt Practices Act (FCPA), Organizational Sentencing guidelines and a selection of business financial crimes including mail fraud, wire fraud, money laundering, conspiracy, securities violations, qui tam litigation ("whistleblowers") and financial accounting crimes. As an introduction to corporate governance, the course will also provide a basic foundation in the finance, legal and economic principles that define the corporate entity as a business organization such as capitalization, basic tax principles, legal requirements, management structure, financing options and stock issuance.

- **BLE-510 Independent Study in Business**

Prerequisites:

Approval of Dept Chair or Dean

Credits:

3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

- **BLE-H510 Honors Independent Study in Business Law**

Prerequisites:

Approval of Dept Chair or Dean

Credits:

3.00

Description:

This elective course option involves a student initiated written proposal to a willing and appropriate full-time faculty member for a directed study project. Normally this is for three credits and completed during one semester. The faculty member and student, prior to registration, must concur on a written proposal, which includes a reading list and description of requirements for grading of the final project.

- **BLE-550 Special Topics in Legal Studies**

Credits:

3.00

Description:

The special topic content and objective will be announced as the course is scheduled.

• **BLE-553 Real Estate Development & Public Policy**

Credits:

3.00

Description:

The students will explore the role of local, state and federal policy development in the real estate industry. Students will build upon the fundamentals previously learned and explore the development process by investigating zoning, project review committees, community benefit packages, historic preservation concepts, environmental reviews, etc. We will specifically focus on the art of securing public approval for a broad range of real estate projects.

2013-2014 Archived Catalog Information

Business Law and Ethics

The Business Law and Ethics Department offers two undergraduate minors:

The **Legal Studies minor** provides insight into the study of law and complements majors in both the Business School and the College of Arts and Sciences. It contributes to a comprehensive pre-law experience and is valuable to students who intend to go to Law School.

The **Real Estate minor** is for students who have an interest in pursuing a career in real estate, real estate development, or working for a larger firm that owns and manages multiple properties. Real Estate courses teach the importance of real estate in the business model and the implementation of development and the importance of physical real estate assets.

Students may also take Business Law and Ethics courses as electives. Our courses cut across traditional disciplinary lines by examining the theory, content, and practice of the modern legal system in both domestic and international settings. Law is addressed in a historical and evolutionary context and as a key linkage in a market economy between various social and ethical demands on businesses and government responses in order to maintain harmony, justice, and predictability in the social order. Students gain a broader and more comprehensive appreciation of how the commercial system functions in the United States and other countries, while enriching their understanding of other business disciplines.

Business Ethics courses teach students to identify and analyze moral dilemmas and raise awareness of the complex ethical issues that affect the many facets of global business in today's world.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Legal Studies Minor Requirements](#)
- [Real Estate Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

Associate Professors: Blodgett, Eonas (Chair), Segal, Weismann

Assistant Professor: Peterson

Instructor: Buscaglia, McCoy, Melconian

2013-2014

2013-2014

2013-2014

2013-2014

2013-2014 Archived Catalog Information

Entrepreneurship

Offered by the Management and Entrepreneurship department, the Entrepreneurship major is for students who are highly motivated, innovative, and impactful in the global entrepreneurial community. Through our practical, coordinated, hands-on curriculum; entrepreneurial faculty; and the Center for Entrepreneurship, you will learn how to be a successful entrepreneur.

Our core major courses take you through Suffolk University's entrepreneurial process, including idea generation, opportunity recognition, feasibility planning, legal and financial considerations, business model and plan development, all leading to our capstone course where you will solve problems for real client startups and small organizations. Electives provide you the opportunity to tailor your major in social, global, and green entrepreneurship; small business management, family business, and other areas of interest, depending on your entrepreneurial spirit.

For students interested in starting a business during the Suffolk experience, we have a launch sequence that tailors our major courses to your specific opportunity. You will develop your opportunity with the support of practical faculty, the Suffolk Ventures alumni entrepreneurial community, and the Center for Entrepreneurship.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

Entrepreneurship Major Requirements

The Entrepreneurship major consists of a minimum of twenty-one (21) semester hours, which includes five (5) required courses and two (2) elective courses taken at Suffolk University.

The core Entrepreneurship courses occur in a five (5) semester sequence starting in your second semester of your sophomore year (you may begin in your first semester of your sophomore year, but no later than the second semester of your junior year).

Required Courses, 5 Courses, 15 Credits

• ENT-280 Opportunity Recognition and Discovery

Prerequisites:

SBS 101; Sophomore Standing.

Credits:

3.00

Description:

Ever wonder how entrepreneurs get their ideas? In this course, you will learn a deliberate process of opportunity recognition and discovery. You will learn how to generate ideas taking into consideration rarity, value, and your entrepreneurial fit. Through this process, you will gain an understanding of your knowledge, skills and abilities intended to improve the likelihood of success. Once your opportunity is identified, you will determine the feasibility of its feasibility from concept to an industry and competitive analysis.

Term:

Offered Both Fall and Spring

• ENT-300 Legal and Financial Risk With Startups

Prerequisites:

ACCT 201 AND ENT 280.

Credits:

3.00

Description:

Expand upon your feasibility plan from ENT 280, or identify a new opportunity, and learn about the financial and legal considerations that need to be addressed to determine whether or not your opportunity is a go or no go with respect to moving your opportunity forward towards business plan development. Legal topics include: business organization, employment practices, taxation and independent contractors, intellectual property, contracts and governance. Financial topics include: verifying the business model and related cost structure, making credible assumptions, preparing forecast financial statements, all leading to a final presentation pitching the feasibility of your opportunity.

Term:

Offered Both Fall and Spring

- **ENT-315 Entrepreneurial Skills**

Prerequisites:

ENT 280

Credits:

3.00

Description:

Knowledge of business alone, or having an idea, is not sufficient for the entrepreneur. You must also learn how to manage yourself and others as you prepare for your first day of business. This course is designed to provide you with the knowledge and skills to build and lead a startup or growing organization through lessons and experiential team projects. Skills covered in this course include: self management, negotiations, networking, sales, conflict/collaboration, and teams.

Term:

Offered Both Fall and Spring

- **ENT-326 Writing the Business Plan**

Prerequisites:

ENT 300, ACCT 201, ACCT 202 and Junior Standing.

Credits:

3.00

Description:

Use your knowledge from your entrepreneurship courses and experience up to this point to create a viable business plan that will lend credibility to the viability of your potential audience, which may include investors, financial institutions, suppliers, family or friends. In this course, you will write a business plan that shapes your opportunity into a model that resembles a venture. You will then defend the plan addressing the venture's business model, management team, organization, customers, markets, competitors, operations and risk, all leading to financials that will determine the amount of capital you will need, as well as financing alternatives.

Term:

Offered Both Fall and Spring

- **ENT-419 E-Project Opportunity**

Prerequisites:

MGT 101, MKT 210, FIN 310, MGT 317, ISOM 319, ENT 315, ENT 326 and Senior Standing.

Credits:

3.00

Description:

Before you launch your venture, our capstone course gives you an opportunity to assess and consult with other startups through the eyes of their founders. This course is held in an experiential setting to help entrepreneurial majors develop and practice their business skills working with real startups and small business under pro bono consulting arrangements. This course is a transition from student to professional under the supervision of a faculty member who serves as a coach and advisor. Students will learn to interview client organizations, assess the current business, negotiate a statement of work, and develop a project management plan that leads to the consultant-client negotiated deliverable(s). Depending on the client organization, this course will most likely include visiting the client location.

Term:

Offered Both Fall and Spring

Elective Courses, 2 Courses, 6 Credits

- **ENT-324 Leading the Entrepreneurial Firm**

Prerequisites:

SOM 101 OR MGT 101; This course was formerly MGT 324

Credits:

3.00

Description:

Are you interested in leading, growing and troubleshooting the entrepreneurial small business? This course provides a detailed analysis of and hands-on experience with the competencies required to lead and grow startups and small businesses. Competencies include the utilization of teams,

understanding of the team, organizational characteristics, and level of entrepreneurial thinking that will be accomplished through assessment and practical analysis. Students will complete the course with an understanding of 1) small business leadership skills, 2) team effectiveness skills, 3) decision-making in times of economic growth and stress.

Term:

Occasional

- **ENT-350 Social Entrepreneurship**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Social entrepreneurs are people who harness their energy, talent and commitment to make the world a more humane, safe and just place. This is accomplished by applying vision, passion, persistence and leadership to the creation of businesses that are focused on a mission of social responsibility. While the social mission is important, so is the fact that the business funding the mission must be sustainable via revenue generation, market need, and operational efficiency. Creating balance between business effectiveness and serving the needs of the community the business is dedicate to helping, provides a unique challenge to social entrepreneurship to stay entrepreneurial in terms of the business model, thus providing the necessary resources to the social mission.

Term:

Offered Fall Term

- **ENT-352 Green and Sustainable Business**

Prerequisites:

Junior Standing

Credits:

3.00

Term:

Offered Spring Term

- **ENT-354 Global Entrepreneurship**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Do you want to know how to take advantage of our global economy? This course will leverage the knowledge acquired from other entrepreneurship and global courses coupled with an overview of the global economy every entrepreneur must compete in and how to transition your business models into real world opportunities. This course will discuss the entrepreneurial process from concept to product feasibility to venture launch answering the following question: How and when should an entrepreneur plan on competing in a global market?

Term:

Offered Both Fall and Spring

- **ENT-356 Bootstrapping the Startup Or Small Business**

Prerequisites:

ACCT 201 and Junior Standing.

Credits:

3.00

Description:

Did you ever wonder how you are going to start a business or run an existing small business without enough capital? This is a very common phenomenon where startups and small businesses are typically undercapitalized and need to maximize internally-generated cash flow to not only start or run the business, but to also grow. Centered around an experiential process, this course will identify how to internally generate cash flow with the

realization that more than 90% of all ventures operate in a bootstrapping environment. This course will identify a strong understanding of cash inflows, outflows, and maximizing both components to generate additional capital necessary for the business's requirements.

Term:

Occasional

- **ENT-358 Launching New Products**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course will focus on the steps that innovators/entrepreneurs need to follow that will take ideas and launch them into new products. This is accomplished by taking the concept directly to the prospective customers. This course will cover: creating specifications, product sell sheets, prototype development, drafting an executive summary, intellectual property protection, manufacturing and quality control considerations, identifying vendors, customers, and funding sources, and developing a marketing and sales plan for launching the product. During the semester, students will be required to interact with their potential customers, vendors and other key players for the launch.

Term:

Offered Both Fall and Spring

- **ENT-360 Launching the E-Business**

Prerequisites:

Take MKT-210 or MKT-H210 and junior standing required.

Credits:

3.00

Description:

This experiential course is an entrepreneurial approach towards developing a real e-commerce business. Students will build off their marketing skills and entrepreneurial ambitions by a) advancing e-commerce ideas to opportunities, b) understanding the product, logistical, marketing, and managerial challenges associated with e-commerce startups, and c) developing financial models to predict and measure performance. This will be accomplished by students developing a launch plan for the opportunity, as well as executing portions of the launch plan.

Term:

Occasional

- **ENT-436 Managing the Family Business**

Prerequisites:

MGT-317, Junior standing,

Credits:

3.00

Description:

Are you interested in managing the family business and the challenges of succession between generations? If so, this course focuses on the challenges of adapting corporate-type managerial skills to family-owned and operated enterprises that typically reject such practices. The goals of this course include development of a working knowledge of managing the family business, reinterpretation of corporate management concepts for the family business, and personal reflection on the roles and conditions of operating a family business.

Term:

Offered Spring Term

- **ENT-510 Entrepreneurship Ind. Study**

Prerequisites:

ENT 326 and Senior Standing.

Credits:

3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Occasional

- **ENT-520 Launching the New Venture**

Prerequisites:

ENT 326 and Senior Standing

Credits:

3.00

Description:

Are you looking for guidance to launch your venture? If so, this course will allow you to earn credits through an independent study working with faculty and alumni through our Center for Entrepreneurial Studies. Students must draft a launch plan based on their business plan prepared in ENT 326, modified based on feedback received from faculty and judges during the ENT 326 presentations. Students must demonstrate enough evidence to support that the venture will be launched, as well as completing all tasks identified in the launch plan by the end of the semester to receive credit for the course. An ENT faculty member must supervise the student during the launch. The launch plan must provide evidence sufficient to support the number of credits being requested. Once the launch plan is completed, the student must attach the plan to the Independent Study request form and obtain the required approvals before the course will be opened. Maximum of 3 credits allowed.

Term:

Occasional

- **MGT-313 Human Resource Management**

Prerequisites:

SOM 101, And Junior standing

Credits:

3.00

Description:

This course includes a study of the modern human resources department in industry with special emphasis on the techniques and methods of management, utilization of people, and contemporary human resource issues and problems.

Term:

Offered Fall Term

- **MGT-320 Small Business Management**

Prerequisites:

SBS101 & Junior Standing

Credits:

3.00

Description:

How do you manage the day-to-day challenges or working in a small business or starting a new venture? This case-driven course covers the role and importance of small business in the U.S. economy, including the application of all management functions to the operation of a small business; human resources, operations, financial, risk and growth. 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.

Term:

Offered Both Fall and Spring

- **MGT-322 Managing Diversity in the Workplace**

Prerequisites:

MGT 317 or instructor's consent, and junior standing

Credits:

3.00

Description:

This course explores multicultural diversity in business organizations. In order to learn to effectively manage diversity in the workplace, it is first necessary to become familiar with the concepts and dynamics that underlie many of the organizational issues associated with increased diversity in the workplace. Thus, this course is structured to first study topics such as identity, perception, socialization, stereotyping, and prejudice. With these concepts as a foundation, we will explore the opportunities and challenges created by diversity in the workplace. We will consider issues and dynamics that arise in the workplace as a result of diversity in terms of gender, race, national origin, sexual orientation, and religion. After developing a rich understanding of workplace diversity dynamics, we will consider actions that individuals and organizations can take to address the opportunities and challenges inherent in a diverse workforce to gain competitive advantage. .

Term:

Offered Both Fall and Spring

• **MGT-335 Managing Across Cultures**

Prerequisites:

MGT 101

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

• **MGT-401 Negotiations**

Prerequisites:

MGT 317 and 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

• **MKT-313 Professional Selling**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

Students in professional selling learn many of the skills needed to prosper in a sales position. Particularly, the stages of the professional selling process are examined, as well as the role of sales in today's marketing environment. Emphasis is placed on adaptive selling techniques and developing effective interpersonal communication skills. A detailed examination of sales careers is provided.

• **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.

- **MKT-317 Consumer Behavior**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using, and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

- **MKT-319 Marketing Research**

Prerequisites:

MKT 210 or MKT H210; STATS 250 OR STATS 240 AND MKT 318 or MKT-H318

Credits:

3.00

Description:

In this course, students explore the process and practice of research in a marketing context. The impact of research as it affects and shapes managerial decision making for organizations is a central focus. Specifically, we examine the process of designing and conducting qualitative and quantitative marketing research studies. We cover specific method-related practices that facilitate unbiased data collection, data analysis (via SPSS), interpretation of marketing research results, and presentation of such results for use by marketing managers.

- **MKT-420 Marketing for Entrepreneurs**

Prerequisites:

MKT 210 or H210

Credits:

3.00

Description:

This course covers the critical role of marketing for entrepreneurs and start-up companies as they attempt to define and carve out a market for a new company, product or service. We will examine through both class discussion and case study how marketing must infiltrate the entire organization beginning with the concept, the business plan and through the early stage development phase. Moreover, we will discuss the creation of the new venture marketing plan, the budgeting and human resource allocation process and its integration into the business plan. We will also look at tactics from guerilla marketing through mass media executions, the potential ROI for both and their influence on the ultimate success of the enterprise.

- **MKT-477 eMarketing**

Prerequisites:

MKT 210 or 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.

- **SIB-419 Global Business Theory & Practice**

Prerequisites:

MKT 210; MGT 317; FIN 310; ISOM 319; IB 321

Credits:

3.00

Description:

This course will integrate global business theories and concepts with practice. Topics include: Transnational strategy, foreign direct investment, regional development clusters, role and operation of the WTO, outsourcing and supply chain management, and international ethics. Students integrate discipline-specific knowledge, practice investigation and decision-making around global business issues, improve business communication skills, and practice teamwork for global business decision-making.

Term:

Offered Both Fall and Spring

- **SIB-550 Special Topics in Strategy and International Business**

Credits:

3.00

Description:

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

- **ACCT-320 Federal Taxation I**

Prerequisites:

ACCT 202

Credits:

3.00

Description:

This first course in taxation concentrates on the federal income taxation of individuals with some discussion of business taxation. The objective of the course is to explore the basic structure of individual income taxation, including the individual tax formula, income, deductions and credits and an introduction to property transactions. A major emphasis is placed on how tax laws affect everyday personal and business decisions.

• BLE-318 Intro to Real Estate Principles

Prerequisites:

Take BLE-214

Credits:

3.00

Description:

This course is designed to introduce beginning students to the concepts and principles of real estate. The class will allow students to understand the key components of each major real estate asset class (including residential, retail, commercial, industrial, hospitality, properties etc.). Students will also understand the full range of professional players in the industry and what roles they play (brokers, contractors, developers, appraisers, lenders, lawyers, architect, etc.). We will teach the basic elements of a Development Pro-forma Budget, an Operating Pro-forma Budget, and a Sources and Uses Statement? as we learn about some of the essential financial schedules. We begin our discussion with a case that will teach you how to get started and to explore the considerations and tradeoffs in evaluating a specific real estate transaction. The course format utilizes the text, case work, selected web based data sources, selected readings and field trips. Throughout the course, an emphasis is placed on the practical application of the concepts taught, the use of current examples from the industry and today's marketplace.

Term:

Offered Fall Term

• FIN-315 Principles of Investments

Prerequisites:

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-317 Real Estate**

Prerequisites:

FIN-310

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

• **ISOM-212 Web Design**

Prerequisites:

Suggested prerequisite: ISOM 120.

Credits:

3.00

Description:

Web design introduces the concepts, vocabulary, and procedures associated with web design. Students will learn how to conceptualize and design professional websites using Wix.com and Microsoft's Expression Web software. Topics will include website evaluation, information architecture, customer and task analysis, usability testing, web-hosting options, typography, color composition, screen layout, navigation, and cascading style sheets. Students will learn practical skills and techniques in projects involving digital photography, image editing, multimedia, and animation. ISOM 212 will also cover important web design themes such as accessibility, globalization, personalization, and trust.

Term:

Offered Both Fall and Spring

- **ISOM-244 Web Application Development**

Prerequisites:

SOM 120 OR ISOM 120 OR ISOM 212

Credits:

3.00

Description:

This first course in Internet application development equips students with the principles, methodology and skills required to define, develop and deploy a fully functional dynamic web application. Students will learn how to customize the content, appearance, and delivery of their website using industry-standard web development tools. Class discussion will focus on web development issues for organizations as well as the role played by development tools such as HTML5, CSS3, XML, and scripting. Each class will include hands-on lab work. A term project will be used to wrap the course content together.

Term:

Offered Spring Term

- **ISOM-315 Mobile App Development**

Prerequisites:

ISOM 120

Credits:

3.00

Description:

This course provides a comprehensive introduction to mobile app technology and design concepts. Students learn how to design, build, and optimize cross-platform mobile app using HTML5 standards. Students use CSS3, JavaScript and several JavaScript frameworks and techniques such as jQuery, jQuery Mobile, and AJAX. In addition, students will use Web services, such as Google Maps, and Web Application Programming Interfaces (Web APIs) to integrate content into their apps. Students will learn how to convert HTML5 apps into native apps for various mobile platforms. This is an introductory course and assumes no prior programming experience.

Term:

Offered Spring Term

• **ISOM-331 Global Electronic Commerce**

Prerequisites:

ISOM 310, or ISOM 423 or ACCT 430 & junior standing

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

*ENT-350, ENT-352, ENT-354 and ENT-358 require a Junior standing in order to take.

**SBS101 and Junior standing are a prerequisite for MGT-320.

2013-2014 Archived Catalog Information

Entrepreneurship

Offered by the Management and Entrepreneurship department, the Entrepreneurship major is for students who are highly motivated, innovative, and impactful in the global entrepreneurial community. Through our practical, coordinated, hands-on curriculum; entrepreneurial faculty; and the Center for Entrepreneurship, you will learn how to be a successful entrepreneur.

Our core major courses take you through Suffolk University's entrepreneurial process, including idea generation, opportunity recognition, feasibility planning, legal and financial considerations, business model and plan development, all leading to our capstone course where you will solve problems for real client startups and small organizations. Electives provide you the opportunity to tailor your major in social, global, and green entrepreneurship; small business management, family business, and other areas of interest, depending on your entrepreneurial spirit.

For students interested in starting a business during the Suffolk experience, we have a launch sequence that tailors our major courses to your specific opportunity. You will develop your opportunity with the support of practical faculty, the Suffolk Ventures alumni entrepreneurial community, and the Center for Entrepreneurship.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

The Entrepreneurship minor consists of a minimum of twelve (12) semester hours.

The required Entrepreneurship courses occur in a four (4) semester sequence starting in your second semester of your sophomore year or your first semester of your junior year (but no later than the second semester of your junior year).

Entrepreneurship Minor

Required Courses

- ENT-280 Opportunity Recognition and Discovery

Prerequisites:

SBS 101;Sophomore Standing.

Credits:

3.00

Description:

Ever wonder how entrepreneurs get their ideas? In this course, you will learn a deliberate process of opportunity recognition and discovery. You will learn how to generate ideas taking into consideration rarity, value, and your entrepreneurial fit. Through this process, you will gain an understanding of your knowledge, skills and abilities intended to improve the likelihood of success. Once your opportunity is identified, you will determine the feasibility of its feasibility from concept to an industry and competitive analysis.

Term:

Offered Both Fall and Spring

• **ENT-300 Legal and Financial Risk With Startups**

Prerequisites:

ACCT 201 AND ENT 280.

Credits:

3.00

Description:

Expand upon your feasibility plan from ENT 280, or identify a new opportunity, and learn about the financial and legal considerations that need to be addressed to determine whether or not your opportunity is a go or no go with respect to moving your opportunity forward towards business plan development. Legal topics include: business organization, employment practices, taxation and independent contractors, intellectual property, contracts and governance. Financial topics include: verifying the business model and related cost structure, making credible assumptions, preparing forecast financial statements, all leading to a final presentation pitching the feasibility of your opportunity.

Term:

Offered Both Fall and Spring

• ENT-315 Entrepreneurial Skills

Prerequisites:

ENT 280

Credits:

3.00

Description:

Knowledge of business alone, or having an idea, is not sufficient for the entrepreneur. You must also learn how to manage yourself and others as you prepare for your first day of business. This course is designed to provide you with the knowledge and skills to build and lead a startup or growing organization through lessons and experiential team projects. Skills covered in this course include: self management, negotiations, networking, sales, conflict/collaboration, and teams.

Term:

Offered Both Fall and Spring

• ENT-326 Writing the Business Plan

Prerequisites:

ENT 300, ACCT 201, ACCT 202 and Junior Standing.

Credits:

3.00

Description:

Use your knowledge from your entrepreneurship courses and experience up to this point to create a viable business plan that will lend credibility to the viability of your potential audience, which may include investors, financial institutions, suppliers, family or friends. In this course, you will write a business plan that shapes your opportunity into a model that resembles a venture. You will then defend the plan addressing the venture's business model, management team, organization, customers, markets, competitors, operations and risk, all leading to financials that will determine the amount of capital you will need, as well as financing alternatives.

Term:

Offered Both Fall and Spring

Note for College of Arts and Sciences Students

In addition to the above four (4) courses, students from the College of Arts and Sciences are required to take SBS 101 Business Foundations before starting the Entrepreneurship minor

2013-2014 Archived Catalog Information

Entrepreneurship

Offered by the Management and Entrepreneurship department, the Entrepreneurship major is for students who are highly motivated, innovative, and impactful in the global entrepreneurial community. Through our practical, coordinated, hands-on curriculum; entrepreneurial faculty; and the Center for Entrepreneurship, you will learn how to be a successful entrepreneur.

Our core major courses take you through Suffolk University's entrepreneurial process, including idea generation, opportunity recognition, feasibility planning, legal and financial considerations, business model and plan development, all leading to our capstone course where you will solve problems for real client startups and small organizations. Electives provide you the opportunity to tailor your major in social, global, and green entrepreneurship; small business management, family business, and other areas of interest, depending on your entrepreneurial spirit.

For students interested in starting a business during the Suffolk experience, we have a launch sequence that tailors our major courses to your specific opportunity. You will develop your opportunity with the support of practical faculty, the Suffolk Ventures alumni entrepreneurial community, and the Center for Entrepreneurship.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

- **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

- **ENT-H101 Business Foundations**

Prerequisites:

GPA of 3.3 or above required.

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

- **ENT-110 Do You Want to Start a Business?**

Credits:

3.00

Description:

Courses in the 550s are new offerings in Entrepreneurship. Special topics are announced when the courses are scheduled. Prerequisites vary from course to course. Do You Want to Start a Business? This introductory survey course is designed to help students learn about starting a business and assess their personal interest in pursuing such activity. Topics cover the range of business start-up activities from personal assessment to opportunity recognition, market assessment, feasibility determination, financial planning, legal, human resources, and business planning.

Term:

Offered Both Fall and Spring

- **ENT-280 Opportunity Recognition and Discovery**

Prerequisites:

SBS 101;Sophomore Standing.

Credits:

3.00

Description:

Ever wonder how entrepreneurs get their ideas? In this course, you will learn a deliberate process of opportunity recognition and discovery. You will learn how to generate ideas taking into consideration rarity, value, and your entrepreneurial fit. Through this process, you will gain an understanding of your knowledge, skills and abilities intended to improve the likelihood of success. Once your opportunity is identified, you will determine the feasibility of its feasibility from concept to an industry and competitive analysis.

Term:

Offered Both Fall and Spring

- **ENT-300 Legal and Financial Risk With Startups**

Prerequisites:

ACCT 201 AND ENT 280.

Credits:

3.00

Description:

Expand upon your feasibility plan from ENT 280, or identify a new opportunity, and learn about the financial and legal considerations that need to be addressed to determine whether or not your opportunity is a go or no go with respect to moving your opportunity forward towards business plan development. Legal topics include: business organization, employment practices, taxation and independent contractors, intellectual property, contracts and governance. Financial topics include: verifying the business model and related cost structure, making credible assumptions, preparing forecast financial statements, all leading to a final presentation pitching the feasibility of your opportunity.

Term:

Offered Both Fall and Spring

- **ENT-H300 Legal and Financial Risk With Startups**

Credits:

3.00

Description:

Expand upon your feasibility plan from ENT 280, or identify a new opportunity, and learn about the financial and legal considerations that need to be addressed to determine whether or not your opportunity is a go or no go with respect to moving your opportunity forward towards business plan development. Legal topics include: business organization, employment practices, taxation and independent contractors, intellectual property, contracts and governance. Financial topics include: verifying the business model and related cost structure, making credible assumptions, preparing forecast financial statements, all leading to a final presentation pitching the feasibility of your opportunity.

- **ENT-315 Entrepreneurial Skills**

Prerequisites:

ENT 280

Credits:

3.00

Description:

Knowledge of business alone, or having an idea, is not sufficient for the entrepreneur. You must also learn how to manage yourself and others as you prepare for your first day of business. This course is designed to provide you with the knowledge and skills to build and lead a startup or growing organization through lessons and experiential team projects. Skills covered in this course include: self management, negotiations, networking, sales, conflict/collaboration, and teams.

Term:

Offered Both Fall and Spring

- **ENT-H315 Honors Entrepreneurial Skills**

Prerequisites:

Take ENT-280 or ENT-H280; GPA of 3.3 or higher

Credits:

3.00

Description:

Knowledge of business alone, or having an idea, is not sufficient for the entrepreneur. You must also learn how to manage yourself and others as you prepare for your first day of business. This course is designed to provide you with the knowledge and skills to build and lead a startup or growing organization through lessons and experiential team projects. Skills covered in this course include: self management, negotiations, networking, sales, conflict/collaboration, and teams.

- **ENT-320 Small Business Management**

Prerequisites:

ENT 101 or SBS 101 & Junior Standing

Credits:

3.00

Description:

How do you manage the day-to-day challenges of working in a small business or starting a new venture? This case-driven course covers the role and importance of small business in the U.S. economy, including the application of all management functions to the operation of a small business; human resources, operations, financial, risk and growth. 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 defend the best solution.

Term:

Offered Both Fall and Spring

- **ENT-324 Leading the Entrepreneurial Firm**

Prerequisites:

SOM 101 OR MGT 101; This course was formerly MGT 324

Credits:

3.00

Description:

Are you interested in leading, growing and troubleshooting the entrepreneurial small business? This course provides a detailed analysis of and hands-on experience with the competencies required to lead and grow startups and small businesses. Competencies include the utilization of teams, understanding of the team, organizational characteristics, and level of entrepreneurial thinking that will be accomplished through assessment and practical analysis. Students will complete the course with an understanding of 1) small business leadership skills, 2) team effectiveness skills, 3) decision-making in times of economic growth and stress.

Term:

Occasional

- **ENT-326 Writing the Business Plan**

Prerequisites:

ENT 300, ACCT 201, ACCT 202 and Junior Standing.

Credits:

3.00

Description:

Use your knowledge from your entrepreneurship courses and experience up to this point to create a viable business plan that will lend credibility to the viability of your potential audience, which may include investors, financial institutions, suppliers, family or friends. In this course, you will write a business plan that shapes your opportunity into a model that resembles a venture. You will then defend the plan addressing the venture's business model, management team, organization, customers, markets, competitors, operations and risk, all leading to financials that will determine the amount of capital you will need, as well as financing alternatives.

Term:

Offered Both Fall and Spring

- **ENT-H326 Writing the Business Plan**

Prerequisites:

Take ENT-300 ACCT-201 ACCT-202;

Credits:

3.00

Description:

Use your knowledge from your entrepreneurship courses and experience up to this point to create a viable business plan that will lend credibility to the viability of your potential audience, which may include investors, financial institutions, suppliers, family or friends. In this course, you will write a business plan that shapes your opportunity into a model that resembles a venture. You will then defend the plan addressing the venture's business model, management team, organization, customers, markets, competitors, operations, and risk, all leading to financials that will determine the amount of capital you will need, as well as financing alternatives.

- **ENT-350 Social Entrepreneurship**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Social entrepreneurs are people who harness their energy, talent and commitment to make the world a more humane, safe and just place. This is accomplished by applying vision, passion, persistence and leadership to the creation of businesses that are focused on a mission of social responsibility. While the social mission is important, so is the fact that the business funding the mission must be sustainable via revenue generation, market need, and operational efficiency. Creating balance between business effectiveness and serving the needs of the community the business is dedicate to helping, provides a unique challenge to social entrepreneurship to stay entrepreneurial in terms of the business model, thus providing the necessary resources to the social mission.

Term:

Offered Fall Term

- **ENT-H350 Social Entrepreneurship**

Credits:

3.00

Description:

Social entrepreneurs are people who harness their energy, talent and commitment to make the world a more humane, safe and just place. This is accomplished by applying vision, passion, persistence and leadership to the creation of businesses that are focused on a mission of social responsibility. While the social mission is important, so is the fact that the business funding the mission must be sustainable via revenue generation, market need, and operational efficiency. Creating balance between business effectiveness and serving the needs of the community the business is dedicate to helping, provides a unique challenge to social entrepreneurship to stay entrepreneurial in terms of the business model, thus providing the necessary resources to the social mission.

Term:

Occasional

- **ENT-352 Green and Sustainable Business**

Prerequisites:

Junior Standing

Credits:

3.00

Term:

Offered Spring Term

- **ENT-354 Global Entrepreneurship**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Do you want to know how to take advantage of our global economy? This course will leverage the knowledge acquired from other entrepreneurship and global courses coupled with an overview of the global economy every entrepreneur must compete in and how to transition your business models into real world opportunities. This course will discuss the entrepreneurial process from concept to product feasibility to venture launch answering the following question: How and when should an entrepreneur plan on competing in a global market?

Term:

Offered Both Fall and Spring

• **ENT-356 Bootstrapping the Startup Or Small Business**

Prerequisites:

ACCT 201 and Junior Standing.

Credits:

3.00

Description:

Did you ever wonder how you are going to start a business or run an existing small business without enough capital? This is a very common phenomenon where startups and small businesses are typically undercapitalized and need to maximize internally-generated cash flow to not only start of run the business, but to also grow. Centered around an experiential process, this course will identify how to internally generate cash flow with the realization that more than 90% of all ventures operate in a bootstrapping environment. This course will identify a strong understanding of cash inflows, outflows, and maximizing both components to generate additional capital necessary for the business's requirements.

Term:

Occasional

• ENT-358 Launching New Products

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course will focus on the steps that innovators/entrepreneurs need to follow that will take ideas and launch them into new products. This is accomplished by taking the concept directly to the prospective customers. This course will cover: creating specifications, product sell sheets, prototype development, drafting an executive summary, intellectual property protection, manufacturing and quality control considerations, identifying vendors, customers, and funding sources, and developing a marketing and sales plan for launching the product. During the semester, students will be required to interact with their potential customers, vendors and other key players for the launch.

Term:

Offered Both Fall and Spring

• ENT-360 Launching the E-Business

Prerequisites:

Take MKT-210 or MKT-H210 and junior standing required.

Credits:

3.00

Description:

This experiential course is an entrepreneurial approach towards developing a real e-commerce business. Students will build off their marketing skills and entrepreneurial ambitions by a) advancing e-commerce ideas to opportunities, b) understanding the product, logistical, marketing, and managerial challenges associated with e-commerce startups, and c) developing financial models to predict and measure performance. This will be accomplished by students developing a launch plan for the opportunity, as well as executing portions of the launch plan.

Term:

Occasional

• ENT-362 Legal and Ethical Issues in Entrepreneurship

Prerequisites:

Take BLE-214 or BLE-H214; junior standing required

Credits:

3.00

Description:

How do you protect yourself, your venture, and your intellectual property when starting a new business? In this course, you will learn the substantive areas of the law that are essential to entrepreneurs and an integration of that knowledge with ethics. Specifically, you will gain a stronger understanding of a) how to select a law firm that best fits the startup and b) how to protect your intellectual property through the use of trademarks, copyrights, patents, trade secrets, non-disclosure and confidentiality agreements. You will also learn how startups can protect their interests through the use of organizational structures and related equity restrictions and employment agreements. From the ethics standpoint, this course will focus on corporate governance and the importance of a management leading an ethical culture. We will examine substantive areas of the law that create legal risk and point to ethical issues within an organization. An important element for the entrepreneur is communication skills; therefore this course will have a major writing assignment along with a speaking requirement.

Term:

Occasional

• ENT-366 Starting and Managing a Restaurant

Credits:

3.00

Description:

Do you want to start or manage a restaurant? The restaurant industry is highly competitive with high turnover. The challenges are tough enough when you understand the business, however, too many entrepreneurs who start or many restaurants lack the necessary experience. This course will help you understand the crucial elements of launching or managing a restaurant, including: business organization, funding, location, market analysis, lease v. buy, facility layout, professional resources, licensing, human resources, technology, purchasing, advertising, insurance, record-keeping, and expansion.

- **ENT-419 E-Project Opportunity**

Prerequisites:

MGT 101, MKT 210, FIN 310, MGT 317, ISOM 319, ENT 315, ENT 326 and Senior Standing.

Credits:

3.00

Description:

Before you launch your venture, our capstone course gives you an opportunity to assess and consult with other startups through the eyes of their founders. This course is held in an experiential setting to help entrepreneurial majors develop and practice their business skills working with real startups and small business under pro bono consulting arrangements. This course is a transition from student to professional under the supervision of a faculty member who serves as a coach and advisor. Students will learn to interview client organizations, assess the current business, negotiate a statement of work, and develop a project management plan that leads to the consultant-client negotiated deliverable(s). Depending on the client organization, this course will most likely include visiting the client location.

Term:

Offered Both Fall and Spring

- **ENT-H419 E-Project Opportunity**

Prerequisites:

MGT 101 MKT 210 FIN 310 MGT 317 ISOM 319 ENT 315 ENT 326

Credits:

3.00

Description:

This capstone course is held in an experiential setting to help entrepreneurial majors develop and practice their business skills working with real startups or small business under pro bono consulting arrangements. This course is a transition from student to professional under the supervision of a faculty member, coach and advisor. Students will learn to assess client situations, develop alternatives and identify and defend solutions, at times within the client organization. Prerequisites: SOM 101 or MGT 101, MKT 210 or MKT 310, FIN 310, MGT 317, ISOM 319, ENT 315, ENT 326 and Senior standing. 1 term - 3 credits.

- **ENT-436 Managing the Family Business**

Prerequisites:

MGT-317, Junior standing,

Credits:

3.00

Description:

Are you interested in managing the family business and the challenges of succession between generations? If so, this course focuses on the challenges of adapting corporate-type managerial skills to family-owned and operated enterprises that typically reject such practices. The goals of this course include development of a working knowledge of managing the family business, reinterpretation of corporate management concepts for the family business, and personal reflection on the roles and conditions of operating a family business.

Term:

Offered Spring Term

- **ENT-510 Entrepreneurship Ind. Study**

Prerequisites:

ENT 326 and Senior Standing.

Credits:

3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Occasional

- **ENT-520 Launching the New Venture**

Prerequisites:

ENT 326 and Senior Standing

Credits:

3.00

Description:

Are you looking for guidance to launch your venture? If so, this course will allow you to earn credits through an independent study working with faculty and alumni through our Center for Entrepreneurial Studies. Students must draft a launch plan based on their business plan prepared in ENT 326, modified based on feedback received from faculty and judges during the ENT 326 presentations. Students must demonstrate enough evidence to support that the venture will be launched, as well as completing all tasks identified in the launch plan by the end of the semester to receive credit for the course. An ENT faculty member must supervise the student during the launch. The launch plan must provide evidence sufficient to support the number of credits being requested. Once the launch plan is completed, the student must attach the plan to the Independent Study request form and obtain the required approvals before the course will be opened. Maximum of 3 credits allowed.

Term:

Occasional

- **ENT-551 Social Entrepreneurship**

Credits:

3.00

Description:

Social entrepreneurs are people who harness their energy, talent and commitment to make the world a more humane, safe and just place. This is accomplished by applying vision, passion, persistence and leadership to the creation of businesses that are focused on a mission of social responsibility. While the social mission is important, so is the fact that the business funding the mission must be sustainable via revenue generation, market need, and operational efficiency. Creating balance between business effectiveness and serving the needs of the community the business is

dedicate to helping, provides a unique challenge to social entrepreneurship to stay entrepreneurial in terms of the business model, thus providing the necessary resources to the social mission.

Term:

Occasional

- **ENT-H552 Green and Sustainable Business**

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 1980s, many firms have learned that improved environmental performance can save money and create competitive advantage. Much of the focus over the last 30 years has been on larger businesses. But now the big businesses are encouraging their small and mid-sized enterprises vendors and partners to pay attention to these concerns also. Consequently, the greening of Small Business is of utmost importance as many small businesses are a part of the supply chains of larger companies. And improving their performance can strengthen the business relationships of all parties by becoming cleaner, greener and sustainable businesses. This course will cover all aspects of green and sustainable business from innovation to new products to greening of the supply chain. It will cover how small and large businesses like GE, GM and others are paying attention to this very critical topic and taking actions which benefit the environment as well as their bottom lines.

- **ENT-553 Global Entrepreneurship**

Prerequisites:

Junior Standing Required

Credits:

3.00

Description:

Do you want to know how to take advantage of our global economy? This course will leverage the knowledge acquired from other entrepreneurship and global courses coupled with an overview of the global economy every entrepreneur must compete in and how to transition your business models into real world opportunities. This course will discuss the entrepreneurial process from concept to product feasibility to venture launch answering the following question: How and when should an entrepreneur plan on competing in a global market?

- **ENT-554 Bootstrapping the Startup Or Small Business**

Prerequisites:

ACCT 201, ACCT 202, and Junior standing required

Credits:

3.00

Description:

Did you ever wonder how you are going to start a business or run an existing small business without enough capital? This is a very common phenomenon where startups and small businesses are typically undercapitalized and need to maximize internally-generated cash flow to not only start of run the business, but to also grow. Centered around an experiential process, this course will identify how to internally generate cash flow with the realization that more than 90% of all ventures operate in a bootstrapping environment. This course will identify a strong understanding of cash inflows, outflows, and maximizing both components to generate additional capital necessary for the business's requirements.

- **ENT-555 Launching New Products**

Credits:

3.00

Description:

This course will focus on the steps that innovators/entrepreneurs need to follow that will take ideas and launch them into new products. This is accomplished by taking the concept directly to the prospective customers. This course will cover: creating specifications, product sell sheets, prototype development, drafting an executive summary, intellectual property protection, manufacturing and quality control considerations, identifying vendors, customers, and funding sources, and developing a marketing and sales plan for launching the product. During the semester, students will be required to interact with their potential customers, vendors and other key players for the launch.

2013-2014 Archived Catalog Information

Entrepreneurship

Offered by the Management and Entrepreneurship department, the Entrepreneurship major is for students who are highly motivated, innovative, and impactful in the global entrepreneurial community. Through our practical, coordinated, hands-on curriculum; entrepreneurial faculty; and the Center for Entrepreneurship, you will learn how to be a successful entrepreneur.

Our core major courses take you through Suffolk University's entrepreneurial process, including idea generation, opportunity recognition, feasibility planning, legal and financial considerations, business model and plan development, all leading to our capstone course where you will solve problems for real client startups and small organizations. Electives provide you the opportunity to tailor your major in social, global, and green entrepreneurship; small business management, family business, and other areas of interest, depending on your entrepreneurial spirit.

For students interested in starting a business during the Suffolk experience, we have a launch sequence that tailors our major courses to your specific opportunity. You will develop your opportunity with the support of practical faculty, the Suffolk Ventures alumni entrepreneurial community, and the Center for Entrepreneurship.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

Professors: Dumas, MacLean, Mazen, O'Neill, Ornstein, Webber (Chair), Zanzi

Associate Professors: Levesque

Assistant Professors: Demirkan, Huvaj, Lam, Nagy, Roussin

Executive in Residence: Stybel

Instructor: Detjen, Moker

2013-2014 Archived Catalog Information

Finance

The Finance Department prepares students for professional careers in corporate finance, security analysis, investment management, financial planning, banking, real estate, insurance, international finance, as well as other areas in the financial services industry. The Department provides concepts, technical knowledge, and skills for immediate effectiveness, and also establishes a basis for continual development as careers evolve. The subject matter focuses on the evolving demands of the workplace in the global financial environment. The Department is dedicated to building the curriculum through the pursuit of excellence in finance education and research, and in being responsive to the students, alumni, and organizations that it serves.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [4+1 Degree Programs](#)
- [Certificate Program in Financial Planning](#)
- [Gainful Employment Disclosure](#)
- [Courses](#)
- [Faculty](#)

Finance Major Requirements

Finance majors study financial management and emerging trends in the finance field. Students are exposed to the theory and practice in corporate finance, financial institutions, investments, international finance, speculative markets, insurance, real estate and other related innovations. The finance major introduces students to the primary concepts necessary to gain the managerial skills and analytical tools to solve problems in managing portfolios, analyzing security investments, providing funds for a business, and controlling and planning the flow of funds within the enterprise.

The BSBA in Finance requires completion of a minimum of 21 credit hours in finance. A cumulative grade point average of at least 2.0 in the finance major and a cumulative grade point average of 2.0 overall must be maintained to graduate. Students may choose to specialize in one of four concentration areas; Investment, Corporate Finance, Financial Institutions, or the Financial Planning.

Choosing an area of concentration is not required to be a Finance major.

- **FIN-311 Intermediate Finance**

Prerequisites:

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-315 Principles of Investments**

Prerequisites:

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-417 Multinational Financial Management**

Prerequisites:

Take FIN-310; Junior Standing

Credits:

3.00

Description:

This course covers the financing, investment and working capital management process of multinational corporations, considering such variables as exchange risk, political risk, accounting regulations and tax laws.

Term:

Offered Both Fall and Spring

- **FIN-419 Problems of Managerial Finance**

Prerequisites:

FIN 311, two FIN electives, and senior standing

Credits:

3.00

Description:

This course is an in-depth study of current finance theory and methodology applicable to the firm through case analyses, computer work and recent publications. It is a capstone course where students learn how to integrate financial theories and principles to reach optimal financial decisions in practice.

Term:

Offered Both Fall and Spring

Select three from the following:

- **FIN-313 General Insurance**

Prerequisites:

FIN 310 and 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-317 Real Estate**

Prerequisites:

FIN-310

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

- **FIN-319 Money & Capital Markets**

Prerequisites:

EC 101, EC 102 and junior standing

Credits:

3.00

Description:

This course covers characteristics, structure and function of money and capital markets with a focus on the recent events relating to financial markets and their impact on the corporate financing behavior and the interrelationship among the various financial markets. Also, each type of financial institution and its internationalization are discussed.

Term:

Offered Both Fall and Spring

• **FIN-401 Practical Financial Planning**

Prerequisites:

FIN 310, Junior standing

Credits:

3.00

Description:

This course is designed to expose the student to the wide range of financial planning tools and techniques available today to the professional financial planner as well as to the individual. By the end of the course the student should be able to construct a sensible and workable financial plan for a client.

Term:

Offered Spring Term

• **FIN-410 Analysis of Financial Statements**

Prerequisites:

FIN 310, Junior standing

Credits:

3.00

Description:

This course covers the analysis and interpretation of financial statements. It is designed to help investors and managers in their assessment of a business entity. It also covers comparative financial statements and trend and ratio analysis.

Term:

Offered Fall Term

- **FIN-411 Futures & Options**

Prerequisites:

FIN 315

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

• **FIN-415 Capital Budgeting**

Prerequisites:

FIN 311 or permission of instructor, Junior standing

Credits:

3.00

Description:

This course develops the practical techniques and decision rules in the evaluation and selection of long-term investment projects. Teaching is oriented towards discussion of readings and case studies. Readings should provide students with understanding of capital budgeting techniques, and case studies should allow them to apply the techniques to real-world problems with the help of the computer.

Term:

Offered Fall Term

• **FIN-422 Estate Planning**

Credits:

3.00

Description:

This course provides an introduction to estate planning, including a discussion of wills, intestacy, and tax consequences of estate planning techniques. The course will prepare students to discuss the necessity, objectives and techniques of estate planning with clients. It will introduce students to the consequences of intestacy and the uses of wills. Additionally, students will learn the basic concepts of the federal estate, gift and income tax rules that apply to certain estate plans and how to use them for the benefit of clients.

Term:

Offered Fall Term

- **FIN-423 Retirement Planning**

Prerequisites:

FIN 310

Credits:

3.00

Description:

This course examines financial planning for retirement and presents a comprehensive process for doing such a planning. Among the main topics covered are setting financial objectives for retirement, planning for adequate retirement income, social security and other governmental benefits, understanding qualified and non-qualified plans, pre- and post-retirement investment planning, planning for long-term care, and planning for incapacity.

Term:

Offered Spring Term

- **FIN-432 Financial Institutions**

Prerequisites:

FIN-310 and FIN-319

Credits:

3.00

Description:

This course analyzes the role of financial institutions, such as commercial banks, savings and loans, and mutual savings banks in the economy. Topics covered also include dynamic changes in functions of financial institutions and increasing influence of alternative institutions like hedge fund, private equity fund, and venture capitalist.

Term:

Offered Spring Term

- **FIN-H435 Honors the Global Financial Crisis: Causes, Economics, and Solutions**

Prerequisites:

Take FIN-310 or FIN-H310; junior standing with a 3.3 GPA or higher

Credits:

3.00

Description:

This course analyzes the origins and consequences of the current financial situation from a variety of different economic and political perspectives. It offers students the opportunity to explore the chain of events that preceded the global financial crisis, monitor markets on a real-time basis (using Bloomberg) and provides a forum to discuss solutions and independently generate ideas. Among the main topics covered are asset pricing, derivative securities, financial engineering, risk management and the role of financial institutions, central banks and government agencies in global markets.

Term:

Offered Spring Term

- **FIN-H445 Honors Quantitative Analysis and Trading Of Financial Instruments**

Prerequisites:

Junior standing; GPA of 3.3; FIN 310 or FIN H310

Credits:

3.00

Description:

The course covers fundamental valuation techniques for a host of financial instruments. Topics include: cash flow discount techniques, pricing, price volatility, duration and duration management with futures. The course also covers fundamentals of spread theory and spread volatility as well as the use of DTS for beta management in fixed income portfolios. The course concludes with an overview of risk fundamentals, tracking error management for indexing purposes, theory of hedging and risk models. Examples drawn from ongoing economic and financial issues are used to illustrate topics and concepts throughout the course.

Term:

Offered Fall Term

- **FIN-450 Mutual Funds**

Prerequisites:

FIN 310

Credits:

3.00

Description:

This course introduces students to the mutual fund industry and its evolution into the brokerage business. The course focuses on developing this foundation knowledge through classroom discussions and case analysis with guest experts in the various aspects of mutual funds.

- **FIN-475 Case Studies in Financial Planning**

Prerequisites:

senior standing required as well as instructor's approval

Credits:

3.00

- **FIN-510 Independent Study in Finance**

Prerequisites:

instructor's (full time), chair's, dean's approval

Credits:

1.00- 6.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

Required Experiential Component, 1 Course, 0 Credit

Finance majors must complete 150 hours of preprofessional finance experience prior to graduating. Experience may be acquired through an internship, part- or full-time employment, or a cooperative position. Students must register for FIN 560, Experiential Component, during or immediately before the semester in which they complete the required 150 hours. The experiential component carries no academic credit, nor requires any tuition, and will be graded pass/fail. Approval of this experience must be obtained from the Finance Department.

- **FIN-560 Experiential Component**

Prerequisites:

Must obtain approval from FIN dept

Credits:

0.00

Description:

Required of all Finance majors. Majors will have an approved 150 hours of finance experience. Experience may be acquired through internship, part- or full-time employment or cooperative education. Zero Credit

Term:

Offered Both Fall and Spring

Finance Concentrations

Finance majors may choose to specialize in one of four areas. All majors complete the 4 required core courses (FIN 311, FIN 315, FIN 417 and FIN 419) as well as the Required Experiential, FIN 560. In addition to these requirements, Finance majors who choose to specialize follow the instructions for their area of interest.

1. Investment

Required courses:

- **FIN-411 Futures & Options**

Prerequisites:

FIN 315

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

Choose ONE

- **FIN-317 Real Estate**

Prerequisites:

FIN-310

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

- **FIN-410 Analysis of Financial Statements**

Prerequisites:

FIN 310, Junior standing

Credits:

3.00

Description:

This course covers the analysis and interpretation of financial statements. It is designed to help investors and managers in their assessment of a business entity. It also covers comparative financial statements and trend and ratio analysis.

Term:

Offered Fall Term

2. Corporate Finance

Required courses:

- **FIN-415 Capital Budgeting**

Prerequisites:

FIN 311 or permission of instructor, Junior standing

Credits:

3.00

Description:

This course develops the practical techniques and decision rules in the evaluation and selection of long-term investment projects. Teaching is oriented towards discussion of readings and case studies. Readings should provide students with understanding of capital budgeting techniques, and case studies should allow them to apply the techniques to real-world problems with the help of the computer.

Term:

Offered Fall Term

- **FIN-410 Analysis of Financial Statements**

Prerequisites:

FIN 310, Junior standing

Credits:

3.00

Description:

This course covers the analysis and interpretation of financial statements. It is designed to help investors and managers in their assessment of a business entity. It also covers comparative financial statements and trend and ratio analysis.

Term:

Offered Fall Term

Choose ONE

- **FIN-319 Money & Capital Markets**

Prerequisites:

EC 101, EC 102 and junior standing

Credits:

3.00

Description:

This course covers characteristics, structure and function of money and capital markets with a focus on the recent events relating to financial markets and their impact on the corporate financing behavior and the interrelationship among the various financial markets. Also, each type of financial institution and its internationalization are discussed.

Term:

Offered Both Fall and Spring

- **FIN-411 Futures & Options**

Prerequisites:

FIN 315

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

3. Financial Institutions

Required courses:

- **FIN-432 Financial Institutions**

Prerequisites:

FIN-310 and FIN-319

Credits:

3.00

Description:

This course analyzes the role of financial institutions, such as commercial banks, savings and loans, and mutual savings banks in the economy. Topics covered also include dynamic changes in functions of financial institutions and increasing influence of alternative institutions like hedge fund, private equity fund, and venture capitalist.

Term:

Offered Spring Term

- **FIN-319 Money & Capital Markets**

Prerequisites:

EC 101, EC 102 and junior standing

Credits:

3.00

Description:

This course covers characteristics, structure and function of money and capital markets with a focus on the recent events relating to financial markets and their impact on the corporate financing behavior and the interrelationship among the various financial markets. Also, each type of financial institution and its internationalization are discussed.

Term:

Offered Both Fall and Spring

Choose ONE:

- **FIN-317 Real Estate**

Prerequisites:

FIN-310

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

- **FIN-450 Mutual Funds**

Prerequisites:

FIN 310

Credits:

3.00

Description:

This course introduces students to the mutual fund industry and its evolution into the brokerage business. The course focuses on developing this foundation knowledge through classroom discussions and case analysis with guest experts in the various aspects of mutual funds.

4. Financial Planning

Financial Planning (FP) offers a valuable opportunity for students to pursue a career in financial planning. Financial planners analyze and provide advice on all areas of a person's financial life: investment management, retirement planning, estate planning, income tax management and insurance. In most cases, planners' analyses and recommendations are provided to clients in a written financial plan. The planner may then coordinate the implementation of the plan and periodically review it to account for changes in the client's life and current economic conditions.

Finance majors who choose to specialize in Financial Planning complete all of the following requirements:

- **ACCT-320 Federal Taxation I**

Prerequisites:

ACCT 202

Credits:

3.00

Description:

This first course in taxation concentrates on the federal income taxation of individuals with some discussion of business taxation. The objective of the course is to explore the basic structure of individual income taxation, including the individual tax formula, income, deductions and credits and an introduction to property transactions. A major emphasis is placed on how tax laws affect everyday personal and business decisions.

- **FIN-310 Business Finance**

Prerequisites:

MATH 130 or above; EC 101; ACCT 201; STATS 240 or 250 (can take concurrently with FIN 310); 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.

Term:

Offered Both Fall and Spring

• **FIN-313 General Insurance**

Prerequisites:

FIN 310 and 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-401 Practical Financial Planning**

Prerequisites:

FIN 310, Junior standing

Credits:

3.00

Description:

This course is designed to expose the student to the wide range of financial planning tools and techniques available today to the professional financial planner as well as to the individual. By the end of the course the student should be able to construct a sensible and workable financial plan for a client.

Term:

Offered Spring Term

- **FIN-422 Estate Planning**

Credits:

3.00

Description:

This course provides an introduction to estate planning, including a discussion of wills, intestacy, and tax consequences of estate planning techniques. The course will prepare students to discuss the necessity, objectives and techniques of estate planning with clients. It will introduce students to the consequences of intestacy and the uses of wills. Additionally, students will learn the basic concepts of the federal estate, gift and income tax rules that apply to certain estate plans and how to use them for the benefit of clients.

Term:

Offered Fall Term

- **FIN-423 Retirement Planning**

Prerequisites:

FIN 310

Credits:

3.00

Description:

This course examines financial planning for retirement and presents a comprehensive process for doing such a planning. Among the main topics covered are setting financial objectives for retirement, planning for adequate retirement income, social security and other governmental benefits, understanding qualified and non-qualified plans, pre- and post-retirement investment planning, planning for long-term care, and planning for incapacity.

Term:

Offered Spring Term

- **FIN-475 Case Studies in Financial Planning**

Prerequisites:

senior standing required as well as instructor's approval

Credits:

3.00

The program was approved by the CFP Board. Upon completion of the program, students are entitled to take the CFP exam administered by the CFP Board, which is an integral part of the prestigious CFP certification process.

For more information about the CFP exam please refer to www.cfp.net.

2013-2014 Archived Catalog Information

Finance

The Finance Department prepares students for professional careers in corporate finance, security analysis, investment management, financial planning, banking, real estate, insurance, international finance, as well as other areas in the financial services industry. The Department provides concepts, technical knowledge, and skills for immediate effectiveness, and also establishes a basis for continual development as careers evolve. The subject matter focuses on the evolving demands of the workplace in the global financial environment. The Department is dedicated to building the curriculum through the pursuit of excellence in finance education and research, and in being responsive to the students, alumni, and organizations that it serves.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [4+1 Degree Programs](#)
- [Certificate Program in Financial Planning](#)
- [Gainful Employment Disclosure](#)
- [Courses](#)
- [Faculty](#)

Finance Minor for Business Students, 3 courses, 9 credits

Select three from the following courses, beyond completion of FIN 310:

- **FIN-311 Intermediate Finance**

Prerequisites:

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 310 and 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 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-317 Real Estate**

Prerequisites:

FIN-310

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

• **FIN-319 Money & Capital Markets**

Prerequisites:

EC 101, EC 102 and junior standing

Credits:

3.00

Description:

This course covers characteristics, structure and function of money and capital markets with a focus on the recent events relating to financial markets and their impact on the corporate financing behavior and the interrelationship among the various financial markets. Also, each type of financial institution and its internationalization are discussed.

Term:

Offered Both Fall and Spring

- **FIN-401 Practical Financial Planning**

Prerequisites:

FIN 310, Junior standing

Credits:

3.00

Description:

This course is designed to expose the student to the wide range of financial planning tools and techniques available today to the professional financial planner as well as to the individual. By the end of the course the student should be able to construct a sensible and workable financial plan for a client.

Term:

Offered Spring Term

- **FIN-410 Analysis of Financial Statements**

Prerequisites:

FIN 310, Junior standing

Credits:

3.00

Description:

This course covers the analysis and interpretation of financial statements. It is designed to help investors and managers in their assessment of a business entity. It also covers comparative financial statements and trend and ratio analysis.

Term:

Offered Fall Term

- **FIN-411 Futures & Options**

Prerequisites:

FIN 315

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

- **FIN-415 Capital Budgeting**

Prerequisites:

FIN 311 or permission of instructor, Junior standing

Credits:

3.00

Description:

This course develops the practical techniques and decision rules in the evaluation and selection of long-term investment projects. Teaching is oriented towards discussion of readings and case studies. Readings should provide students with understanding of capital budgeting techniques, and case studies should allow them to apply the techniques to real-world problems with the help of the computer.

Term:

Offered Fall Term

- **FIN-417 Multinational Financial Management**

Prerequisites:

Take FIN-310; Junior Standing

Credits:

3.00

Description:

This course covers the financing, investment and working capital management process of multinational corporations, considering such variables as exchange risk, political risk, accounting regulations and tax laws.

Term:

Offered Both Fall and Spring

- **FIN-419 Problems of Managerial Finance**

Prerequisites:

FIN 311, two FIN electives, and senior standing

Credits:

3.00

Description:

This course is an in-depth study of current finance theory and methodology applicable to the firm through case analyses, computer work and recent publications. It is a capstone course where students learn how to integrate financial theories and principles to reach optimal financial decisions in practice.

Term:

Offered Both Fall and Spring

- **FIN-422 Estate Planning**

Credits:

3.00

Description:

This course provides an introduction to estate planning, including a discussion of wills, intestacy, and tax consequences of estate planning techniques. The course will prepare students to discuss the necessity, objectives and techniques of estate planning with clients. It will introduce students to the consequences of intestacy and the uses of wills. Additionally, students will learn the basic concepts of the federal estate, gift and income tax rules that apply to certain estate plans and how to use them for the benefit of clients.

Term:

Offered Fall Term

- **FIN-423 Retirement Planning**

Prerequisites:

FIN 310

Credits:

3.00

Description:

This course examines financial planning for retirement and presents a comprehensive process for doing such a planning. Among the main topics covered are setting financial objectives for retirement, planning for adequate retirement income, social security and other governmental benefits, understanding qualified and non-qualified plans, pre- and post-retirement investment planning, planning for long-term care, and planning for incapacity.

Term:

Offered Spring Term

- **FIN-432 Financial Institutions**

Prerequisites:

FIN-310 and FIN-319

Credits:

3.00

Description:

This course analyzes the role of financial institutions, such as commercial banks, savings and loans, and mutual savings banks in the economy. Topics covered also include dynamic changes in functions of financial institutions and increasing influence of alternative institutions like hedge fund, private equity fund, and venture capitalist.

Term:

Offered Spring Term

- **FIN-H435 Honors the Global Financial Crisis: Causes, Economics, and Solutions**

Prerequisites:

Take FIN-310 or FIN-H310; junior standing with a 3.3 GPA or higher

Credits:

3.00

Description:

This course analyzes the origins and consequences of the current financial situation from a variety of different economic and political perspectives. It offers students the opportunity to explore the chain of events that preceded the global financial crisis, monitor markets on a real-time basis (using Bloomberg) and provides a forum to discuss solutions and independently generate ideas. Among the main topics covered are asset pricing, derivative securities, financial engineering, risk management and the role of financial institutions, central banks and government agencies in global markets.

Term:

Offered Spring Term

- **FIN-H445 Honors Quantitative Analysis and Trading Of Financial Instruments**

Prerequisites:

Junior standing; GPA of 3.3; FIN 310 or FIN H310

Credits:

3.00

Description:

The course covers fundamental valuation techniques for a host of financial instruments. Topics include: cash flow discount techniques, pricing, price volatility, duration and duration management with futures. The course also covers fundamentals of spread theory and spread volatility as well as the use of DTS for beta management in fixed income portfolios. The course concludes with an overview of risk fundamentals, tracking error management for indexing purposes, theory of hedging and risk models. Examples drawn from ongoing economic and financial issues are used to illustrate topics and concepts throughout the course.

Term:

Offered Fall Term

- **FIN-450 Mutual Funds**

Prerequisites:

FIN 310

Credits:

3.00

Description:

This course introduces students to the mutual fund industry and its evolution into the brokerage business. The course focuses on developing this foundation knowledge through classroom discussions and case analysis with guest experts in the various aspects of mutual funds.

- **FIN-475 Case Studies in Financial Planning**

Prerequisites:

senior standing required as well as instructor's approval

Credits:

3.00

Finance Minor for College of Arts and Sciences Students, 5 courses, 15 credits

After SBS 101 Business Foundations, College students are required to take FIN 310 Business Finance and three of the following courses:

- **FIN-311 Intermediate Finance**

Prerequisites:

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 310 and 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 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-317 Real Estate**

Prerequisites:

FIN-310

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

- **FIN-319 Money & Capital Markets**

Prerequisites:

EC 101, EC 102 and junior standing

Credits:

3.00

Description:

This course covers characteristics, structure and function of money and capital markets with a focus on the recent events relating to financial markets and their impact on the corporate financing behavior and the interrelationship among the various financial markets. Also, each type of financial institution and its internationalization are discussed.

Term:

Offered Both Fall and Spring

- **FIN-401 Practical Financial Planning**

Prerequisites:

FIN 310, Junior standing

Credits:

3.00

Description:

This course is designed to expose the student to the wide range of financial planning tools and techniques available today to the professional financial planner as well as to the individual. By the end of the course the student should be able to construct a sensible and workable financial plan for a client.

Term:

Offered Spring Term

- **FIN-410 Analysis of Financial Statements**

Prerequisites:

FIN 310, Junior standing

Credits:

3.00

Description:

This course covers the analysis and interpretation of financial statements. It is designed to help investors and managers in their assessment of a business entity. It also covers comparative financial statements and trend and ratio analysis.

Term:

Offered Fall Term

- **FIN-411 Futures & Options**

Prerequisites:

FIN 315

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

- **FIN-415 Capital Budgeting**

Prerequisites:

FIN 311 or permission of instructor, Junior standing

Credits:

3.00

Description:

This course develops the practical techniques and decision rules in the evaluation and selection of long-term investment projects. Teaching is oriented towards discussion of readings and case studies. Readings should provide students with understanding of capital budgeting techniques, and case studies should allow them to apply the techniques to real-world problems with the help of the computer.

Term:

Offered Fall Term

- **FIN-417 Multinational Financial Management**

Prerequisites:

Take FIN-310; Junior Standing

Credits:

3.00

Description:

This course covers the financing, investment and working capital management process of multinational corporations, considering such variables as exchange risk, political risk, accounting regulations and tax laws.

Term:

Offered Both Fall and Spring

- **FIN-422 Estate Planning**

Credits:

3.00

Description:

This course provides an introduction to estate planning, including a discussion of wills, intestacy, and tax consequences of estate planning techniques. The course will prepare students to discuss the necessity, objectives and techniques of estate planning with clients. It will introduce students to the consequences of intestacy and the uses of wills. Additionally, students will learn the basic concepts of the federal estate, gift and income tax rules that apply to certain estate plans and how to use them for the benefit of clients.

Term:

Offered Fall Term

- **FIN-423 Retirement Planning**

Prerequisites:

FIN 310

Credits:

3.00

Description:

This course examines financial planning for retirement and presents a comprehensive process for doing such a planning. Among the main topics covered are setting financial objectives for retirement, planning for adequate retirement income, social security and other governmental benefits, understanding qualified and non-qualified plans, pre- and post-retirement investment planning, planning for long-term care, and planning for incapacity.

Term:

Offered Spring Term

- **FIN-432 Financial Institutions**

Prerequisites:

FIN-310 and FIN-319

Credits:

3.00

Description:

This course analyzes the role of financial institutions, such as commercial banks, savings and loans, and mutual savings banks in the economy. Topics covered also include dynamic changes in functions of financial institutions and increasing influence of alternative institutions like hedge fund, private equity fund, and venture capitalist.

Term:

Offered Spring Term

- **FIN-H435 Honors the Global Financial Crisis: Causes, Economics, and Solutions**

Prerequisites:

Take FIN-310 or FIN-H310; junior standing with a 3.3 GPA or higher

Credits:

3.00

Description:

This course analyzes the origins and consequences of the current financial situation from a variety of different economic and political perspectives. It offers students the opportunity to explore the chain of events that preceded the global financial crisis, monitor markets on a real-time basis (using Bloomberg) and provides a forum to discuss solutions and independently generate ideas. Among the main topics covered are asset pricing, derivative securities, financial engineering, risk management and the role of financial institutions, central banks and government agencies in global markets.

Term:

Offered Spring Term

- **FIN-H445 Honors Quantitative Analysis and Trading Of Financial Instruments**

Prerequisites:

Junior standing; GPA of 3.3; FIN 310 or FIN H310

Credits:

3.00

Description:

The course covers fundamental valuation techniques for a host of financial instruments. Topics include: cash flow discount techniques, pricing, price volatility, duration and duration management with futures. The course also covers fundamentals of spread theory and spread volatility as well as the use of DTS for beta management in fixed income portfolios. The course concludes with an overview of risk fundamentals, tracking error management for indexing purposes, theory of hedging and risk models. Examples drawn from ongoing economic and financial issues are used to illustrate topics and concepts throughout the course.

Term:

Offered Fall Term

- **FIN-450 Mutual Funds**

Prerequisites:

FIN 310

Credits:

3.00

Description:

This course introduces students to the mutual fund industry and its evolution into the brokerage business. The course focuses on developing this foundation knowledge through classroom discussions and case analysis with guest experts in the various aspects of mutual funds.

- **FIN-475 Case Studies in Financial Planning**

Prerequisites:

senior standing required as well as instructor's approval

Credits:

3.00

2013-2014 Archived Catalog Information

Finance

The Finance Department prepares students for professional careers in corporate finance, security analysis, investment management, financial planning, banking, real estate, insurance, international finance, as well as other areas in the financial services industry. The Department provides concepts, technical knowledge, and skills for immediate effectiveness, and also establishes a basis for continual development as careers evolve. The subject matter focuses on the evolving demands of the workplace in the global financial environment. The Department is dedicated to building the curriculum through the pursuit of excellence in finance education and research, and in being responsive to the students, alumni, and organizations that it serves.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [4+1 Degree Programs](#)
- [Certificate Program in Financial Planning](#)
- [Gainful Employment Disclosure](#)
- [Courses](#)
- [Faculty](#)

The Finance Department offers the following 4 + 1 degree options:

- MS in Finance (MSF)
- MS in Financial Services & Banking (MSFSB)

Suffolk University's 4+1 Programs were developed for those wanting a deeper and more comprehensive preparation for a career in finance. It is designed for top undergraduate business and economics students from Suffolk or other American universities and colleges. It allows those students with a 3.5 or higher cumulative GPA in their final semester of their senior year, from all U.S. institutions, to apply to our MS in Finance or MS in Financial Services & Banking without having to take the GMAT or GRE exam. Qualified students whose GPA is below 3.5 are encouraged to apply, but must successfully complete the GMAT or GRE exam.

Our programs emphasize deep finance knowledge and theory, and a broad perspective on the professional and institutional aspects of the practice of finance. Students normally apply for entry to the MSF or MSFSB during their final semester of their senior year, or shortly after, and must meet all of the

requirements for admission. After completing their Bachelor's degree, they work toward their MSF or MSFSB on a full-or part-time basis. Students normally complete the graduate program with one year of full-time study. Our program is flexible to accommodate the needs of working professionals.

2013-2014

2013-2014

2013-2014

2013-2014

2013-2014 Archived Catalog Information

Finance

The Finance Department prepares students for professional careers in corporate finance, security analysis, investment management, financial planning, banking, real estate, insurance, international finance, as well as other areas in the financial services industry. The Department provides concepts, technical knowledge, and skills for immediate effectiveness, and also establishes a basis for continual development as careers evolve. The subject matter focuses on the evolving demands of the workplace in the global financial environment. The Department is dedicated to building the curriculum through the pursuit of excellence in finance education and research, and in being responsive to the students, alumni, and organizations that it serves.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [4+1 Degree Programs](#)
- [Certificate Program in Financial Planning](#)
- [Gainful Employment Disclosure](#)
- [Courses](#)
- [Faculty](#)

This non-degree program is offered as a flexible and affordable means for working professionals whose responsibilities are currently or expected to be financial planning in nature. The certificate requires the completion of the following eight courses (provided that the students demonstrate proficiency in prerequisites) with a “pass” grade:

- **FPP-310 Business Finance**

Prerequisites:

MATH 130 or above; EC 101; ACCT 201; STATS 240 or 250 (can take concurrently with FIN 310)

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.

Term:

Offered Both Fall and Spring

- **FPP-313 General Insurance**

Prerequisites:

Take FIN-310 or FPP-310;

Description:

This course includes the theory, practice and problems of risk-bearing in business and personal pursuit including life, property and casualty insurance and dealing with contract analysis and investments as well as corporate risk management.

Term:

Offered Fall Term

- **FPP-315 Principles of Investment**

Prerequisites:

Take FIN-310 or FPP-310;

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

- **FPP-320 Taxation**

Prerequisites:

Take ACCT-202 and either FIN-310 or FPP-310;

Description:

A study of basic federal taxation as it applies to individuals, partnerships and corporations. Expertise in the preparation of tax returns is developed.
Prerequisite: ACCT 202 MATH 134 OR MATH 161 OR MATH 165.

Term:

Offered Both Fall and Spring

- **FPP-401 Practical Financial Planning**

Prerequisites:

TAKE FIN-310 OR FPP-310;

Description:

This course is designed to expose the student to the wide range of financial planning tools and techniques available today to the professional financial planner as well as to the individual. By the end of the course the student should be able to construct a sensible and workable financial plan for a client.

- **FPP-422 Estate Planning**

Prerequisites:

Take FIN-310 or FPP-310;

Description:

This course provides an introduction to estate planning, including a discussion of wills, intestacy, and tax consequences of estate planning techniques. The course will prepare students to discuss the necessity, objectives, and techniques of estate planning with clients. It will introduce students to the consequences of intestacy and the uses of wills. Additionally, students will learn the basic concepts of the federal estate, gift, and income tax rules that apply to certain estate plans and how to use them for the benefit of clients.

Term:

Offered Fall Term

- **FPP-423 Retirement Planning**

Prerequisites:

TAKE FIN-310 OR FPP-310;

Description:

This course examines financial planning for retirement and presents a comprehensive process for doing such a planning. Among the main topics covered are setting financial objectives for retirement, planning for adequate retirement income, social security and other governmental benefits, understanding qualified and non-qualified plans, pre- and post-retirement investment planning, planning for long-term care, and planning for incapacity.

- **FPP-475 Case Studies in Financial Planning**

Prerequisites:

TAKE FPP 310.

Credits:

3.00

It should be noted that FPP 310 is an introduction to finance. Its prerequisites are:

- **ACCT-201 Acct for Decision Making I**

Prerequisites:

ENG 102; ISOM 120; MATH 130, or MATH 134, or MATH 146, or MATH 161, or MATH 165

Credits:

3.00

Description:

Designed to provide a user of accounting information with the skills to appraise and manage a business. Students are introduced to the accounting cycle, the financial statements, and the theory underlying accounting as information. Coverage addresses current accounting topics, including relevant ethical and international issues found in the financial press.

- **ACCT-202 Acct for Decision Making II**

Prerequisites:

ACCT-201

Credits:

3.00

Description:

Enables students to apply the concepts and skills from the preceding course. They learn how to analyze the financial condition and performance of a firm, and how to use accounting information in business planning, decision-making, and control. Relevant current ethical and competitive issues found in the financial press are discussed in the course.

- **EC-101 Applied Microeconomics**

Credits:

4.00

Description:

Introduction to the organization and operation of a market economy with a focus on how it allocates scarce resources; development of the economic way of thinking. The analysis of the theory of consumer demand and the profit-maximizing behavior of firms; examination of pricing and output decisions of firms under conditions of competition and imperfect competition in a global marketplace. Analysis of markets for labor and capital. Policy issues include price ceilings and floors, trade barriers, competition and monopoly. Required of all majors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **EC-102 Global Macroeconomics**

Credits:

4.00

Description:

This course provides an analysis of relationships among variables such as inflation, employment, economic growth, national income, and the supply of money. Heavy emphasis is placed on the role of government in setting both fiscal and monetary policy goals to achieve a stable economy. Balance of trade and exchange rates are examined to help provide an understanding of the global economy. Required of all majors and minors in Economics. Normally offered every semester.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **STATS-240 Introduction to Statistics**

Prerequisites:

Math 130 or higher.

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. Prerequisite: Math 130 or higher. 1 term - 4 credits (4 hours per week). Normally offered each semester.

Type:

Quantitative Reasoning

• **STATS-250 Applied Statistics**

Prerequisites:

MATH 130, MATH 134, MATH 146 OR MATH 165

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 Reasoning

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

Prerequisites:

MATH 104, MATH 108, MATH121 or appropriate math placement score.

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-134 Calculus for Management & Social Sciences**

Prerequisites:

MATH 104, MATH 121 or appropriate math placement score.

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 Placement score or MATH 121 with a grade of C or better

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.

These seven courses cover the foundation topics required by the Certified Financial Planner (CFP) Board. Students may apply for admission in fall, spring, or summer session. On completing the certificate program, the students are eligible to take the CFP exam administered by the CFP Board, which is an integral part of the prestigious CFP certification process. For more information about the CFP exam, please refer to www.cfp.net.

Admission to the Certificate Program requires a Bachelor's degree from an accredited institution. Students applying for admission should contact the Undergraduate Admissions Office (617-573-8460) for more information. Those who already have taken the above courses from an accredited institution may waive a maximum of three courses.

2013-2014 Archived Catalog Information

Finance

The Finance Department prepares students for professional careers in corporate finance, security analysis, investment management, financial planning, banking, real estate, insurance, international finance, as well as other areas in the financial services industry. The Department provides concepts, technical knowledge, and skills for immediate effectiveness, and also establishes a basis for continual development as careers evolve. The subject matter focuses on the evolving demands of the workplace in the global financial environment. The Department is dedicated to building the curriculum through the pursuit of excellence in finance education and research, and in being responsive to the students, alumni, and organizations that it serves.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [4+1 Degree Programs](#)
- [Certificate Program in Financial Planning](#)
- [Gainful Employment Disclosure](#)
- [Courses](#)
- [Faculty](#)

View the Federally Mandated [Gainful Employment Disclosure for the Certificate in Financial Planning](#).

2013-2014 Archived Catalog Information

Finance

The Finance Department prepares students for professional careers in corporate finance, security analysis, investment management, financial planning, banking, real estate, insurance, international finance, as well as other areas in the financial services industry. The Department provides concepts, technical knowledge, and skills for immediate effectiveness, and also establishes a basis for continual development as careers evolve. The subject matter focuses on the evolving demands of the workplace in the global financial environment. The Department is dedicated to building the curriculum through the pursuit of excellence in finance education and research, and in being responsive to the students, alumni, and organizations that it serves.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [4+1 Degree Programs](#)
- [Certificate Program in Financial Planning](#)
- [Gainful Employment Disclosure](#)
- [Courses](#)
- [Faculty](#)

• FIN-200 Business Finance

Prerequisites:

MATH 130 or above; EC 101; ACCT 201; STATS 240 or 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.

Term:

Offered Both Fall and Spring

- **FIN-210 Personal Finance**

Credits:

3.00

Description:

The course can be viewed as a survival guide or a road map to the universe of financial instruments available as well as the basic tools needed to make informed decisions. The course is intended to address the concerns of individuals in determining their financial needs and managing their financial resources. Finance 210 is a free elective only and may not be counted towards the finance major or minor.

Term:

Offered Both Fall and Spring

- **FIN-310 Business Finance**

Prerequisites:

MATH 130 or above; EC 101; ACCT 201; STATS 240 or 250 (can take concurrently with FIN 310); 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.

Term:

Offered Both Fall and Spring

- **FIN-H310 Honors Business Finance**

Prerequisites:

ACCT-201, EC-101; MATH-130, MATH-134, MATH-161, or MATH-165; junior standing and a GPA of 3.3 or higher

Credits:

3.00

Description:

This course is a study of the functions of business finance and focus on basic financial principles such as time value of money, risk and return tradeoffs, and asset valuation.

Term:

Offered Both Fall and Spring

- **FIN-311 Intermediate Finance**

Prerequisites:

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 310 and 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 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-317 Real Estate**

Prerequisites:

FIN-310

Credits:

3.00

Description:

This course focuses primarily on real estate investment and many different approaches are discussed. The course examines related areas of law, finance, insurance, taxation, appraisal and brokerage.

Term:

Offered Both Fall and Spring

- **FIN-319 Money & Capital Markets**

Prerequisites:

EC 101, EC 102 and junior standing

Credits:

3.00

Description:

This course covers characteristics, structure and function of money and capital markets with a focus on the recent events relating to financial markets and their impact on the corporate financing behavior and the interrelationship among the various financial markets. Also, each type of financial institution and its internationalization are discussed.

Term:

Offered Both Fall and Spring

- **FIN-401 Practical Financial Planning**

Prerequisites:

FIN 310, Junior standing

Credits:

3.00

Description:

This course is designed to expose the student to the wide range of financial planning tools and techniques available today to the professional financial planner as well as to the individual. By the end of the course the student should be able to construct a sensible and workable financial plan for a client.

Term:

Offered Spring Term

- **FIN-410 Analysis of Financial Statements**

Prerequisites:

FIN 310, Junior standing

Credits:

3.00

Description:

This course covers the analysis and interpretation of financial statements. It is designed to help investors and managers in their assessment of a business entity. It also covers comparative financial statements and trend and ratio analysis.

Term:

Offered Fall Term

- **FIN-411 Futures & Options**

Prerequisites:

FIN 315

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

- **FIN-415 Capital Budgeting**

Prerequisites:

FIN 311 or permission of instructor, Junior standing

Credits:

3.00

Description:

This course develops the practical techniques and decision rules in the evaluation and selection of long-term investment projects. Teaching is oriented towards discussion of readings and case studies. Readings should provide students with understanding of capital budgeting techniques, and case studies should allow them to apply the techniques to real-world problems with the help of the computer.

Term:

Offered Fall Term

- **FIN-417 Multinational Financial Management**

Prerequisites:

Take FIN-310; Junior Standing

Credits:

3.00

Description:

This course covers the financing, investment and working capital management process of multinational corporations, considering such variables as exchange risk, political risk, accounting regulations and tax laws.

Term:

Offered Both Fall and Spring

- **FIN-419 Problems of Managerial Finance**

Prerequisites:

FIN 311, two FIN electives, and senior standing

Credits:

3.00

Description:

This course is an in-depth study of current finance theory and methodology applicable to the firm through case analyses, computer work and recent publications. It is a capstone course where students learn how to integrate financial theories and principles to reach optimal financial decisions in

practice.

Term:

Offered Both Fall and Spring

- **FIN-422 Estate Planning**

Credits:

3.00

Description:

This course provides an introduction to estate planning, including a discussion of wills, intestacy, and tax consequences of estate planning techniques. The course will prepare students to discuss the necessity, objectives and techniques of estate planning with clients. It will introduce students to the consequences of intestacy and the uses of wills. Additionally, students will learn the basic concepts of the federal estate, gift and income tax rules that apply to certain estate plans and how to use them for the benefit of clients.

Term:

Offered Fall Term

- **FIN-423 Retirement Planning**

Prerequisites:

FIN 310

Credits:

3.00

Description:

This course examines financial planning for retirement and presents a comprehensive process for doing such a planning. Among the main topics covered are setting financial objectives for retirement, planning for adequate retirement income, social security and other governmental benefits, understanding qualified and non-qualified plans, pre- and post-retirement investment planning, planning for long-term care, and planning for incapacity.

Term:

Offered Spring Term

- **FIN-432 Financial Institutions**

Prerequisites:

FIN-310 and FIN-319

Credits:

3.00

Description:

This course analyzes the role of financial institutions, such as commercial banks, savings and loans, and mutual savings banks in the economy. Topics covered also include dynamic changes in functions of financial institutions and increasing influence of alternative institutions like hedge fund, private equity fund, and venture capitalist.

Term:

Offered Spring Term

- **FIN-H435 Honors the Global Financial Crisis: Causes, Economics, and Solutions**

Prerequisites:

Take FIN-310 or FIN-H310; junior standing with a 3.3 GPA or higher

Credits:

3.00

Description:

This course analyzes the origins and consequences of the current financial situation from a variety of different economic and political perspectives. It offers students the opportunity to explore the chain of events that preceded the global financial crisis, monitor markets on a real-time basis (using Bloomberg) and provides a forum to discuss solutions and independently generate ideas. Among the main topics covered are asset pricing, derivative securities, financial engineering, risk management and the role of financial institutions, central banks and government agencies in global markets.

Term:

Offered Spring Term

- **FIN-H445 Honors Quantitative Analysis and Trading Of Financial Instruments**

Prerequisites:

Junior standing; GPA of 3.3; FIN 310 or FIN H310

Credits:

3.00

Description:

The course covers fundamental valuation techniques for a host of financial instruments. Topics include: cash flow discount techniques, pricing, price volatility, duration and duration management with futures. The course also covers fundamentals of spread theory and spread volatility as well as the use of DTS for beta management in fixed income portfolios. The course concludes with an overview of risk fundamentals, tracking error management for indexing purposes, theory of hedging and risk models. Examples drawn from ongoing economic and financial issues are used to illustrate topics and concepts throughout the course.

Term:

Offered Fall Term

- **FIN-450 Mutual Funds**

Prerequisites:

FIN 310

Credits:

3.00

Description:

This course introduces students to the mutual fund industry and its evolution into the brokerage business. The course focuses on developing this foundation knowledge through classroom discussions and case analysis with guest experts in the various aspects of mutual funds.

- **FIN-475 Case Studies in Financial Planning**

Prerequisites:

senior standing required as well as instructor's approval

Credits:

3.00

- **FIN-510 Independent Study in Finance**

Prerequisites:

instructor's (full time), chair's, dean's approval

Credits:

1.00- 6.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

- **FIN-550 Spec Topics Finance**

Prerequisites:

FIN-315, see department

Credits:

3.00

Description:

This course is an in-depth analysis of timely special issues in finance. Specific topics are announced when the course is scheduled. Additional prerequisites are based upon the individual topic.

- **FIN-H550 Honors Special Topics in Finance: the Global Financial Crisis: Causes, Economics and Solutions**

Prerequisites:

Junior standing; GPA of 3.3; FIN 310 or FIN H310

Credits:

3.00

Description:

This is a special topics course. Content varies by term. Please contact the Finance Department for term-specific descriptions.

- **FIN-560 Experiential Component**

Prerequisites:

Must obtain approval from FIN dept

Credits:

0.00

Description:

Required of all Finance majors. Majors will have an approved 150 hours of finance experience. Experience may be acquired through internship, part- or full-time employment or cooperative education. Zero Credit

Term:

Offered Both Fall and Spring

- **FPP-200 Business Finance**

Prerequisites:

MATH 130 or above; EC 101; ACCT 201; STATS 240 or 250 (can take concurrently with FPP 200)

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.

Term:

Offered Both Fall and Spring

- **FPP-310 Business Finance**

Prerequisites:

MATH 130 or above; EC 101; ACCT 201; STATS 240 or 250 (can take concurrently with FIN 310)

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.

Term:

Offered Both Fall and Spring

- **FPP-313 General Insurance**

Prerequisites:

Take FIN-310 or FPP-310;

Description:

This course includes the theory, practice and problems of risk-bearing in business and personal pursuit including life, property and casualty insurance and dealing with contract analysis and investments as well as corporate risk management.

Term:

Offered Fall Term

- **FPP-315 Principles of Investment**

Prerequisites:

Take FIN-310 or FPP-310;

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

- **FPP-320 Taxation**

Prerequisites:

Take ACCT-202 and either FIN-310 or FPP-310;

Description:

A study of basic federal taxation as it applies to individuals, partnerships and corporations. Expertise in the preparation of tax returns is developed.

Prerequisite: ACCT 202 MATH 134 OR MATH 161 OR MATH 165.

Term:

Offered Both Fall and Spring

- **FPP-401 Practical Financial Planning**

Prerequisites:

TAKE FIN-310 OR FPP-310;

Description:

This course is designed to expose the student to the wide range of financial planning tools and techniques available today to the professional financial planner as well as to the individual. By the end of the course the student should be able to construct a sensible and workable financial plan for a client.

- **FPP-422 Estate Planning**

Prerequisites:

Take FIN-310 or FPP-310;

Description:

This course provides an introduction to estate planning, including a discussion of wills, intestacy, and tax consequences of estate planning techniques. The course will prepare students to discuss the necessity, objectives, and techniques of estate planning with clients. It will introduce students to the consequences of intestacy and the uses of wills. Additionally, students will learn the basic concepts of the federal estate, gift, and income tax rules that apply to certain estate plans and how to use them for the benefit of clients.

Term:

Offered Fall Term

- **FPP-423 Retirement Planning**

Prerequisites:

TAKE FIN-310 OR FPP-310;

Description:

This course examines financial planning for retirement and presents a comprehensive process for doing such a planning. Among the main topics covered are setting financial objectives for retirement, planning for adequate retirement income, social security and other governmental benefits, understanding qualified and non-qualified plans, pre- and post-retirement investment planning, planning for long-term care, and planning for incapacity.

- **FPP-475 Case Studies in Financial Planning**

Prerequisites:

TAKE FPP 310.

Credits:

3.00

- **IBFN-417 Multinational Financial Management**

Prerequisites:

FIN 310, Junior standing

Credits:

3.00

Description:

This course covers the financing, investment and working capital management process of multinational corporations, considering such variables as exchange risk, political risk, accounting regulations and tax laws. Prerequisite: FIN 310.

2013-2014 Archived Catalog Information

Finance

The Finance Department prepares students for professional careers in corporate finance, security analysis, investment management, financial planning, banking, real estate, insurance, international finance, as well as other areas in the financial services industry. The Department provides concepts, technical knowledge, and skills for immediate effectiveness, and also establishes a basis for continual development as careers evolve. The subject matter focuses on the evolving demands of the workplace in the global financial environment. The Department is dedicated to building the curriculum through the pursuit of excellence in finance education and research, and in being responsive to the students, alumni, and organizations that it serves.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [4+1 Degree Programs](#)
- [Certificate Program in Financial Planning](#)
- [Gainful Employment Disclosure](#)
- [Courses](#)
- [Faculty](#)

Professors: Han (Chair), Khaksari, Prezias

Associate Professors: Beliaeva, Guo, Jalal, Simonyan, Torrisi

Assistant Professors: Johnson, Platikanov

Instructors: Argyrople, Atherton

2013-2014 Archived Catalog Information

Global Business

The Undergraduate Global Business program is designed to help you combine a major in International Business with one functional area of business such as accounting, finance, marketing, management, information systems, entrepreneurship, or even public management. Thus, the program gives you a double major.

The Global Business major is offered through the Strategy and International Business Department. The Global Business major is an intensive program for highly focused and motivated students looking for a career in international business through an entry level position in accounting, entrepreneurship, finance, information systems, management, marketing, or public management.

Included in the requirements are courses in international business and a second major in a functional area of business. The Global Business program immerses the student in theory and practice of international business by integrating academic knowledge, language, and overseas travel seminars/semester study abroad.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

The BSBA in Global Business requires completion of 18 credits of global business courses, plus 18– 24 credits of the functional major. Global Business majors are assigned a faculty advisor to assist them in planning their program of study and advise them on academic and career matters. Students in this major must have the approval of their faculty advisor to register. All changes to the Global Business Program of Study must be approved by the director of the Global Business Program. Please note that Global Business freshman and sophomore courses as part of the General Education requirements in this program differ from the other Business majors.

Global Business Required Courses, 3 Courses, 9 Credits

Students are required to complete:

- SIB-101 Globalization

Credits:

3.00

Description:

This course introduces the nature and processes of globalization which define today's international business environment. The course employs a multidisciplinary perspective to explore the growing interdependence of nations in their trade, investment, technology flows, and business operations. Topics include business, geographic, economic, social, cultural, political, and other issues related to globalization. The course is experiential in its approach. Students will undertake a team research project exploring globalization issues with reference to a particular country, region or industry.

Term:

Offered Both Fall and Spring

- **SIB-321 Introduction to International Business**

Prerequisites:

Take SIB-101 or IB-101 or HST-149 or HST-150;

Credits:

3.00

Description:

To provide students with an understanding of problems and opportunities associated with doing business across country and cultural boundaries and to encourage global business thinking and strategy formulation. Topics include the forms of international business involvement; economic, social, cultural and political conditions; national and multinational regulations of international transactions and investments; and global strategies for business operations.

Term:

Offered Both Fall and Spring

- **SIB-419 Global Business Theory & Practice**

Prerequisites:

MKT 210; MGT 317; FIN 310; ISOM 319; IB 321

Credits:

3.00

Description:

This course will integrate global business theories and concepts with practice. Topics include: Transnational strategy, foreign direct investment, regional development clusters, role and operation of the WTO, outsourcing and supply chain management, and international ethics. Students integrate discipline-specific knowledge, practice investigation and decision-making around global business issues, improve business communication skills, and practice teamwork for global business decision-making.

Term:

Offered Both Fall and Spring

Global Business Elective Courses, 3 Courses

Select three courses from the following:

- **SIB-510 Direct Study in Strategy and International Business**

Prerequisites:

instructor's consent

Credits:

1.00- 6.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

- **SIB-520 Strategy and International Business Internship**

Prerequisites:

IB 321, Department Chair approval required before registration

Credits:

3.00

Description:

A project-based course that provides a work experience component for juniors and seniors, and allows the student to apply international business theory in a practical context, thereby bridging the gap between education and practice. The internship must take place outside the student's primary country of residence. Non-US students can pursue internships in the US. The internship must involve at least 100 hours of work. To be eligible, students cannot receive monetary compensation for the internship. The company offering the internship must agree to evaluate the student's performance by completing an Internship Evaluation Form. Students must find a faculty supervisor who will evaluate and guide their academic work during the internship, as well as other internship-related assignments, and assign a grade upon completion of all internship requirements. Students must successfully complete both the internship and all of the academic requirements of SIB 520 in order to earn a passing grade.

Term:

Offered Both Fall and Spring

- **SIB-550 Special Topics in Strategy and International Business**

Credits:

3.00

Description:

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

- **ACCT-310 International Business Accounting**

Prerequisites:

Take FIN-310 ACCT-331;

Credits:

3.00

Description:

This course explores economic, political and cultural variables that shape accounting and disclosure in various countries. Students also gain an understanding of international financial reporting standards and the forces for convergence between IFRS and USGAAP. Financial analysis in a multifinancial context.

- **BLE-317 Managing in the Global Legal Environment**

Prerequisites:

B.LW 214 OR BLE 214

Credits:

3.00

Description:

This course surveys the global legal environment of business. Emphasis is on case analysis of topics such as sovereignty, extraterritoriality, treaties, international contracts, arbitration, and the European Union. The managerial and economic significance of these topics is explored.

Term:

Offered Both Fall and Spring

- **EC-430 Int'l 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.

Type:

Social Science,Asian Studies,BSJ SOCIAL SCIENCE

• **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

• **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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **ENT-553 Global Entrepreneurship**

Prerequisites:

Junior Standing Required

Credits:

3.00

Description:

Do you want to know how to take advantage of our global economy? This course will leverage the knowledge acquired from other entrepreneurship and global courses coupled with an overview of the global economy every entrepreneur must compete in and how to transition your business models into real world opportunities. This course will discuss the entrepreneurial process from concept to product feasibility to venture launch answering the following question: How and when should an entrepreneur plan on competing in a global market?

- **FIN-417 Multinational Financial Management**

Prerequisites:

Take FIN-310; Junior Standing

Credits:

3.00

Description:

This course covers the financing, investment and working capital management process of multinational corporations, considering such variables as exchange risk, political risk, accounting regulations and tax laws.

Term:

Offered Both Fall and Spring

- **ISOM-331 Global Electronic Commerce**

Prerequisites:

ISOM 310, or ISOM 423 or ACCT 430 & junior standing

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

- **MGT-335 Managing Across Cultures**

Prerequisites:

MGT 101

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

- **MKT-421 Global Marketing**

Prerequisites:

TAKE MKT-210

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

- **P.AD-362 Global Health, Poverty & Warming**

Prerequisites:

Take MGT-101;

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.

Students are required to specialize in one business discipline (Accounting, Entrepreneurship, Finance, Information Systems, Management, or Marketing). Students will take the major required and major elective courses as specified by the academic department concerned, which may include experiential components.

Up to one of the Global Business elective courses listed above may be double counted toward the Global Business major and the functional major, as long as it was also available as a course for the functional major.

Language Courses, 2 Courses, 8 Credits

Students must demonstrate competence beyond the second semester level of college instruction in French, Spanish, Portuguese, German, Mandarin Chinese, Russian, Japanese, or Arabic. Other languages will be considered on a case-by-case basis by the director of the Global Business Program. Students can also demonstrate competence by taking a placement test or through an interview with a language instructor if a placement test is not available. For this purpose, students should contact the Director of the Global Business Program. In this case, students can take Free Electives instead of the language courses. A suggested list of Free Electives relevant for the Global Business Program is given below.

Travel Requirement SIB 560 (formerly IB 560), Non-Credit

(No credits can be specifically assigned. It is a pre-professional experience.)

All Global Business majors are required to participate in overseas travel as part of their major. This requirement may be satisfied by completing a minimum of one travel seminar, a semester study abroad, or, with prior permission from the Director of the Global Business Program, a Global Business Internship abroad. Students must register for the zero-credit course SIB 560 - Global Travel Requirement, in the semester in which they plan to complete their travel.

- A minimum 2.5 GPA is required for travel seminars and study abroad experience.
- A maximum of one travel seminar may be used as a Global Business major elective while also fulfilling the SIB 560 requirement. Additional travel seminars will not count towards GB major electives but may be used as free elective credit.
- Study abroad involves enrollment in semester-long or summer session courses at either Suffolk's Madrid campus or at one of the programs open to Suffolk students at other institutions. All study abroad must be preapproved by the Undergraduate Business Programs Office to ensure optimum credit distribution. Students may participate in more than one study abroad opportunity. Students interested in study abroad should plan to do so during their sophomore year or the fall of their junior year.
- With prior permission from the director of the Global Business Program, students may also fulfill the travel requirement through a Global Business Internship. Two options are available: the three-credit course SIB 520 - Global Business Internship, and an internship without academic credit. The internship must take place outside students' primary country of residence, including the U.S. for non-U.S. students. Students are responsible for identifying and securing acceptance to the internship. A maximum of one SIB 520 internship course may also be used as a Global Business major elective.

Recommended Free Electives

- 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.

Type:

Social Science

- **GVT-384 U.S. and 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.

Type:

Social Science,BSJ SOCIAL SCIENCE

- **GVT-385 Politics of Russia and the Former Soviet Republics**

Prerequisites:

Not open to freshmen.

Credits:

4.00

Description:

This course will examine political and economic institutions of newly independent entities from Kazakhstan to the Baltics. It will include historical roots of the Soviet Union from the Russian Revolution through the Gorbachev years. Attention will be paid to Marxist theory and non-Marxist challenges for the economy of the area as well as the state. While some attention will be paid to foreign relations of the former Soviet Union and the current regimes with Western Europe and the U.S. and elsewhere, the major emphasis will be on domestic policy on citizens of the former Soviet Union. Normally offered alternate years.

Type:

Social Science

• **GVT-387 Reconciliation and Conflict in Central America**

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:

Cultural Diversity Opt B, Social Science

• **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:

Cultural Diversity Opt B, Social Science, Asian Studies

• **GVT-410 Politics of Korea**

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:

Social Science, Asian Studies

• **GVT-468 UN & Humanitarian Governance**

Prerequisites:

Junior Standing or Instructor's consent. Ends April 20, 2010.

Credits:

4.00

Description:

This seminar will explore actors and issues in the context of the United Nations system in connection with humanitarian governance challenges. We will examine theoretical, political, legal issues and institutional issues, then analyze protection, civil-military relations in peace operations. UN and other peace operations and responsibility to protect will be analyzed, and hard choices for all those who wish that globalization should be more

humane, and who are interested to confront moving targets and evolving challenges of humanitarian governance, including dilemmas of not doing harm, when intending to do good", in international humanitarian engagement. With humanitarian action's new power comes knowledge that even the most well-intentioned projects can create as many problems as they solve. Are unforeseen consequences, blind spots, and biases of humanitarian work--from focusing too much on rules and too little on results? Students are expected to actively participate in interactive, visual and practical simulation exercises and role plays of humanitarian emergency operations Previous relevant knowledge/experience desirable.

Type:

Social Science

- **GVT-482 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.

Type:

Social Science

- **GVT-489 Islam & Politics**

Prerequisites:

not open to freshmen

Credits:

4.00

Description:

This course explores the political and cultural history of Islam, with emphasis on the contemporary Islamic resurgence in Muslim countries. The origins and causes of this resurgence, its aims, and its effects on domestic, regional, and world politics will be examined. Offered as needed. Cultural

Diversity B

Type:

Social Science,Cultural Diversity Opt B,Asian Studies

- **HST-342 Modern Japanese History**

Credits:

4.00

Description:

The class 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. Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B,Humanities & History,Asian Studies,Humanities Literature Requirement

- **HST-346 Modern Chinese History**

Credits:

4.00

Description:

A survey of modern Chinese history from the sixteenth century to the present. The class focuses on two major themes. First, we will study the conflict between the modern state and traditional society. We will discuss China's turbulent transition from an old empire to the Communist regime, the dynamics behind this transition, and the price that ordinary Chinese people have paid. Second, we will study China's interactions with the outside world from the first Opium War to China's entrance to the World Trade Organization. (Formerly HST 132) Cultural Diversity B

Term:

Occasional

Type:

Cultural Diversity Opt B, Humanities & History, Asian Studies, Humanities Literature Requirement

- **HST-412 Europe in the 20th Century**

Prerequisites:

Sophomore standing or permission of instructor.

Credits:

4.00

Description:

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:

Humanities & History, Humanities Literature Requirement

- **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.

Term:

Occasional

Type:

Humanities & History, Humanities Literature Requirement

2013-2014 Archived Catalog Information

Global Business

The Undergraduate Global Business program is designed to help you combine a major in International Business with one functional area of business such as accounting, finance, marketing, management, information systems, entrepreneurship, or even public management. Thus, the program gives you a double major.

The Global Business major is offered through the Strategy and International Business Department. The Global Business major is an intensive program for highly focused and motivated students looking for a career in international business through an entry level position in accounting, entrepreneurship, finance, information systems, management, marketing, or public management.

Included in the requirements are courses in international business and a second major in a functional area of business. The Global Business program immerses the student in theory and practice of international business by integrating academic knowledge, language, and overseas travel seminars/semester study abroad.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

International Business Minor for Business Students

Students will complete three courses (9 credits) to qualify for this minor.

Required course:

- **SIB-321 Introduction to International Business**

Prerequisites:

Take SIB-101 or IB-101 or HST-149 or HST-150;

Credits:

3.00

Description:

To provide students with an understanding of problems and opportunities associated with doing business across country and cultural boundaries and to encourage global business thinking and strategy formulation. Topics include the forms of international business involvement; economic, social, cultural and political conditions; national and multinational regulations of international transactions and investments; and global strategies for business operations.

Term:

Offered Both Fall and Spring

And any two of the following:

- **SIB-510 Direct Study in Strategy and International Business**

Prerequisites:

instructor's consent

Credits:

1.00- 6.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

- **SIB-520 Strategy and International Business Internship**

Prerequisites:

IB 321, Department Chair approval required before registration

Credits:

3.00

Description:

A project-based course that provides a work experience component for juniors and seniors, and allows the student to apply international business theory in a practical context, thereby bridging the gap between education and practice. The internship must take place outside the student's primary country of residence. Non-US students can pursue internships in the US. The internship must involve at least 100 hours of work. To be eligible, students cannot receive monetary compensation for the internship. The company offering the internship must agree to evaluate the student's performance by completing an Internship Evaluation Form. Students must find a faculty supervisor who will evaluate and guide their academic work during the internship, as well as other internship-related assignments, and assign a grade upon completion of all internship requirements. Students must successfully complete both the internship and all of the academic requirements of SIB 520 in order to earn a passing grade.

Term:

Offered Both Fall and Spring

- **SIB-550 Special Topics in Strategy and International Business**

Credits:

3.00

Description:

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

- **ACCT-310 International Business Accounting**

Prerequisites:

Take FIN-310 ACCT-331;

Credits:

3.00

Description:

This course explores economic, political and cultural variables that shape accounting and disclosure in various countries. Students also gain an understanding of international financial reporting standards and the forces for convergence between IFRS and USGAAP. Financial analysis in a multifinancial context.

• **BLE-317 Managing in the Global Legal Environment**

Prerequisites:

B.LW 214 OR BLE 214

Credits:

3.00

Description:

This course surveys the global legal environment of business. Emphasis is on case analysis of topics such as sovereignty, extraterritoriality, treaties, international contracts, arbitration, and the European Union. The managerial and economic significance of these topics is explored.

Term:

Offered Both Fall and Spring

• **ENT-354 Global Entrepreneurship**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Do you want to know how to take advantage of our global economy? This course will leverage the knowledge acquired from other entrepreneurship and global courses coupled with an overview of the global economy every entrepreneur must compete in and how to transition your business models into real world opportunities. This course will discuss the entrepreneurial process from concept to product feasibility to venture launch answering the following question: How and when should an entrepreneur plan on competing in a global market?

Term:

Offered Both Fall and Spring

- **FIN-417 Multinational Financial Management**

Prerequisites:

Take FIN-310; Junior Standing

Credits:

3.00

Description:

This course covers the financing, investment and working capital management process of multinational corporations, considering such variables as exchange risk, political risk, accounting regulations and tax laws.

Term:

Offered Both Fall and Spring

- **ISOM-331 Global Electronic Commerce**

Prerequisites:

ISOM 310, or ISOM 423 or ACCT 430 & junior standing

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

- **MKT-421 Global Marketing**

Prerequisites:

TAKE MKT-210

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

- **MGT-335 Managing Across Cultures**

Prerequisites:

MGT 101

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American

life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

Each course may count towards only one requirement. Students may not double count a course from the International Business Minor towards ANY other requirement.

International Business Minor for College of Arts and Sciences Students

IB will be introduced as part of the Functional Business Minor available for CAS students and require 5 courses (15 credits).

Required courses:

- **SBS-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

- **SIB-101 Globalization**

Credits:

3.00

Description:

This course introduces the nature and processes of globalization which define today's international business environment. The course employs a multidisciplinary perspective to explore the growing interdependence of nations in their trade, investment, technology flows, and business operations. Topic include business, geographic, economic, social, cultural, political, and other issues related to globalization. The course is experiential in its approach. Students will undertake a team research project exploring globalization issues with reference to a particular country, region or industry.

Term:

Offered Both Fall and Spring

• **SIB-321 Introduction to International Business**

Prerequisites:

Take SIB-101 or IB-101 or HST-149 or HST-150;

Credits:

3.00

Description:

To provide students with an understanding of problems and opportunities associated with doing business across country and cultural boundaries and to encourage global business thinking and strategy formulation. Topics include the forms of international business involvement; economic, social, cultural and political conditions; national and multinational regulations of international transactions and investments; and global strategies for business operations.

Term:

Offered Both Fall and Spring

And any two of the following:

• **SIB-510 Direct Study in Strategy and International Business**

Prerequisites:

instructor's consent

Credits:

1.00- 6.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

• **SIB-520 Strategy and International Business Internship**

Prerequisites:

IB 321, Department Chair approval required before registration

Credits:

3.00

Description:

A project-based course that provides a work experience component for juniors and seniors, and allows the student to apply international business theory in a practical context, thereby bridging the gap between education and practice. The internship must take place outside the student's primary country of residence. Non-US students can pursue internships in the US. The internship must involve at least 100 hours of work. To be eligible, students cannot receive monetary compensation for the internship. The company offering the internship must agree to evaluate the student's performance by completing an Internship Evaluation Form. Students must find a faculty supervisor who will evaluate and guide their academic work during the internship, as well as other internship-related assignments, and assign a grade upon completion of all internship requirements. Students must successfully complete both the internship and all of the academic requirements of SIB 520 in order to earn a passing grade.

Term:

Offered Both Fall and Spring

- **SIB-550 Special Topics in Strategy and International Business**

Credits:

3.00

Description:

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

- **ACCT-310 International Business Accounting**

Prerequisites:

Take FIN-310 ACCT-331;

Credits:

3.00

Description:

This course explores economic, political and cultural variables that shape accounting and disclosure in various countries. Students also gain an understanding of international financial reporting standards and the forces for convergence between IFRS and USGAAP. Financial analysis in a multifinancial context.

- **BLE-317 Managing in the Global Legal Environment**

Prerequisites:

B.LW 214 OR BLE 214

Credits:

3.00

Description:

This course surveys the global legal environment of business. Emphasis is on case analysis of topics such as sovereignty, extraterritoriality, treaties, international contracts, arbitration, and the European Union. The managerial and economic significance of these topics is explored.

Term:

Offered Both Fall and Spring

- **ENT-354 Global Entrepreneurship**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Do you want to know how to take advantage of our global economy? This course will leverage the knowledge acquired from other entrepreneurship and global courses coupled with an overview of the global economy every entrepreneur must compete in and how to transition your business models into real world opportunities. This course will discuss the entrepreneurial process from concept to product feasibility to venture launch answering the following question: How and when should an entrepreneur plan on competing in a global market?

Term:

Offered Both Fall and Spring

- **FIN-417 Multinational Financial Management**

Prerequisites:

Take FIN-310; Junior Standing

Credits:

3.00

Description:

This course covers the financing, investment and working capital management process of multinational corporations, considering such variables as exchange risk, political risk, accounting regulations and tax laws.

Term:

- **ISOM-331 Global Electronic Commerce**

Prerequisites:

ISOM 310, or ISOM 423 or ACCT 430 & junior standing

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

- **MKT-421 Global Marketing**

Prerequisites:

TAKE MKT-210

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

- **MGT-335 Managing Across Cultures**

Prerequisites:

MGT 101

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

Each course may count towards only one requirement. Students may not double count a course from the International Business Minor towards ANY other requirement.

2013-2014 Archived Catalog Information

Global Business

The Undergraduate Global Business program is designed to help you combine a major in International Business with one functional area of business such as accounting, finance, marketing, management, information systems, entrepreneurship, or even public management. Thus, the program gives you a double major.

The Global Business major is offered through the Strategy and International Business Department. The Global Business major is an intensive program for highly focused and motivated students looking for a career in international business through an entry level position in accounting, entrepreneurship, finance, information systems, management, marketing, or public management.

Included in the requirements are courses in international business and a second major in a functional area of business. The Global Business program immerses the student in theory and practice of international business by integrating academic knowledge, language, and overseas travel seminars/semester study abroad.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

- **SIB-101 Globalization**

Credits:

3.00

Description:

This course introduces the nature and processes of globalization which define today's international business environment. The course employs a multidisciplinary perspective to explore the growing interdependence of nations in their trade, investment, technology flows, and business operations.

Topic include business, geographic, economic, social, cultural, political, and other issues related to globalization. The course is experiential in its approach. Students will undertake a team research project exploring globalization issues with reference to a particular country, region or industry.

Term:

Offered Both Fall and Spring

- **SIB-H101 Honors Globalization**

Prerequisites:

Limited to students with less than 53 credits. GPA 3.2 or higher.

Credits:

3.00

Description:

This course introduces the nature and processes of globalization which define today's international business environment. The course employs a multidisciplinary perspective to explore the growing interdependence of nations in their trade, investment, technology flows, and business operations. Topic include business, geographic, economic, social, cultural, political, and other issues related to globalization. The course is experiential in its approach. Students will undertake a team research project exploring globalization issues with reference to a particular country, region or industry.

Term:

Offered Both Fall and Spring

- **SIB-321 Introduction to International Business**

Prerequisites:

Take SIB-101 or IB-101 or HST-149 or HST-150;

Credits:

3.00

Description:

To provide students with an understanding of problems and opportunities associated with doing business across country and cultural boundaries and to encourage global business thinking and strategy formulation. Topics include the forms of international business involvement; economic, social, cultural and political conditions; national and multinational regulations of international transactions and investments; and global strategies for business operations.

Term:

Offered Both Fall and Spring

• SIB-419 Global Business Theory & Practice

Prerequisites:

MKT 210; MGT 317; FIN 310; ISOM 319; IB 321

Credits:

3.00

Description:

This course will integrate global business theories and concepts with practice. Topics include: Transnational strategy, foreign direct investment, regional development clusters, role and operation of the WTO, outsourcing and supply chain management, and international ethics. Students integrate discipline-specific knowledge, practice investigation and decision-making around global business issues, improve business communication skills, and practice teamwork for global business decision-making.

Term:

Offered Both Fall and Spring

• SIB-429 Strategic Management

Prerequisites:

SBS 101, MKT 210, FIN 310, ISOM 319 and MGT 317. Senior standing required.

Credits:

3.00

Description:

This course covers and integrates administrative processes and decision making under uncertainty in business areas of marketing, accounting, management, finance, personnel, and production. It also focuses on strategic and policy issues from the viewpoint of senior management in both domestic and international corporations. Case discussions help develop the conceptual framework for analysis and implementation of strategy and policy decisions.

Term:

Offered Both Fall and Spring

• SIB-H429 Honors Strategic Management

Prerequisites:

FIN 310;MKT 310;MGT 317;SOM 101 or MGT 101;ISOM 319; Honors section; GPA 3.2. Senior standing required.

Credits:

3.00

Description:

Covers and integrates administrative processes and decision-making under uncertainty in business areas of marketing, accounting, management, finance, personnel, and production. It also focuses on strategic and policy issues from the viewpoint of senior management in both domestic and international corporations. Case discussions help develop the conceptual framework for analysis and implementation of strategy and policy decisions.

Term:

Offered Both Fall and Spring

• SIB-437 Strategic Context of International Business

Prerequisites:

Senior standing and instructor's consent required

Credits:

3.00

Description:

Business firms around the world regularly engage in strategic interactions with stakeholders and particularly with governments. These interactions allow firms not only to manage risks from adverse policies and stakeholder positions, but also to shape governmental behavior and relations with other stakeholders to enhance the creation and capture of value. At the same time, the complexity of the nonmarket environment and controversies regarding the ethics of firm behavior in this space has limited attention to this crucial element of strategy. This course will provide a framework for the analysis of the nonmarket environment across countries and the development of integrated strategies combining market and nonmarket action, from the perspective of multinational firms.

- **SIB-510 Direct Study in Strategy and International Business**

Prerequisites:

instructor's consent

Credits:

1.00- 6.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

- **SIB-520 Strategy and International Business Internship**

Prerequisites:

IB 321, Department Chair approval required before registration

Credits:

3.00

Description:

A project-based course that provides a work experience component for juniors and seniors, and allows the student to apply international business theory in a practical context, thereby bridging the gap between education and practice. The internship must take place outside the student's primary country of residence. Non-US students can pursue internships in the US. The internship must involve at least 100 hours of work. To be eligible, students cannot receive monetary compensation for the internship. The company offering the internship must agree to evaluate the student's performance by completing an Internship Evaluation Form. Students must find a faculty supervisor who will evaluate and guide their academic work during the internship, as well as other internship-related assignments, and assign a grade upon completion of all internship requirements. Students must successfully complete both the internship and all of the academic requirements of SIB 520 in order to earn a passing grade.

Term:

Offered Both Fall and Spring

- **SIB-550 Special Topics in Strategy and International Business**

Credits:

3.00

Description:

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

- **SIB-H558 Honors Business of Biotechnology**

Credits:

3.00

Description:

This course examines the scope and breadth of the biotechnology industry, including current science issues and how successful biotech firms bring their discoveries and ideas to market. The course focuses on management practices within biotechnology firms, key corporations, industry dynamics, and emerging startups, the application and commercialization of scientific discoveries, and various skills and mindsets needed by business graduates who work side-by-side with scientists. Local businesses and guest speakers will be featured.

Term:

Offered Fall Term

- **SIB-560 Strategy and International Business Travel Requirement**

Prerequisites:

Sophomore Standing

Credits:

0.00

Description:

All majors are required to participate in overseas travel as a part of their major. This requirement may be satisfied by completing a minimum of one travel seminar or a semester abroad. Travel seminars used to fulfill this requirement, may also be used to fulfill major electives or language as appropriate. Students may participate in more than one travel seminar and/or study abroad opportunity. All travel must be pre-approved by the Undergraduate Programs Dean's Office to ensure optimum credit distribution.

Term:

Offered Both Fall and Spring

2013-2014 Archived Catalog Information

Global Business

The Undergraduate Global Business program is designed to help you combine a major in International Business with one functional area of business such as accounting, finance, marketing, management, information systems, entrepreneurship, or even public management. Thus, the program gives you a double major.

The Global Business major is offered through the Strategy and International Business Department. The Global Business major is an intensive program for highly focused and motivated students looking for a career in international business through an entry level position in accounting, entrepreneurship, finance, information systems, management, marketing, or public management.

Included in the requirements are courses in international business and a second major in a functional area of business. The Global Business program immerses the student in theory and practice of international business by integrating academic knowledge, language, and overseas travel seminars/semester study abroad.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

Professors: Arthur, DeFillippi

Associate Professors: Gopinath, Lehrer, Rufin (Chair)

Assistant Professors: Celo, Gokalp, Nebus (Director of Undergraduate International Programs), Seidle, Thams

Executive in Residence: Bhatia

Visiting Professor: Riveras

2013-2014 Archived Catalog Information

Information Systems and Operations Management

In a global economy where firms are more interconnected, they are also more exposed to rapid changing market conditions globally. Providing timely and accurate information to the appropriate personnel to enable responsive business decision making becomes the key to the future.

Increasingly, firms are leveraging advanced technologies to manage sophisticated operations in supply chains and to manage the flood of information from around the world. However, to gain a sustainable competitive advantage, firms must also rely on professionals who can manage these complex systems of information and operations worldwide to make innovative and prudent business decisions.

Demand for skilled professionals with Information Systems and Operations Management knowledge is growing fast. These professionals utilize their business background and technical skills to research innovative ways for value-creation opportunities in business operations, assessing risks and benefits of these options, and manage systems of technological tools to enable the changes needed to realize these values.

The Information Systems and Operations Management department prepares you with the foundation knowledge and analytical skills needed to launch your career. You will be able to manage the efficient flows of information, materials, and services in matching supply with demand to create value for businesses as well as their customers.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Concentration](#)
- [Courses](#)
- [Faculty](#)

The Information Systems (IS) major consists of a minimum of 21 credit hours, including four (4) required and three (3) elective ISOM courses, beyond ISOM 120 - Information Technology & Productivity Tools, and ISOM 310 - Management Information Systems.

Major Required Courses, 4 Courses, 12 Credits

- ISOM-313 Systems Analysis & Design

Prerequisites:

ISOM 310

Credits:

3.00

Description:

This course covers the concepts, techniques and tools useful for the analysis and design of business information systems. Topics include: the system development cycle, modeling, prototyping and project management. Additionally, the course focuses upon using Object Oriented analysis and design techniques including the UML. The course emphasizes the analysis of business operations as well as the interaction between information systems professionals and end-users. A term project applying these concepts and techniques is required.

Term:

Offered Both Fall and Spring

• **ISOM-314 Structured Programming**

Prerequisites:

ISOM 120 OR SOM 120

Credits:

3.00

Description:

This course develops problem solving and basic programming skills through a variety of business application assignments. The course introduces fundamental control and data structures using the VB (Visual Basic) programming language. Students learn about the concepts of structured programming, object-oriented/ event-driven programming without being exposed to the advanced principles of object-oriented programming. The course builds skills in the areas of programming logic, Visual Basic Application (VBA), interactive Windows applications, and Macro application programming. Testing and debugging techniques and the writing of well-structured code are also emphasized.

Term:

Offered Both Fall and Spring

• ISOM-423 Database Management

Prerequisites:

ISOM 310 OR ACCT 321

Credits:

3.00

Description:

This course provides an understanding of the role of information and databases in systems and their role as an organizational resource. Students learn to design databases using normalization and entity-relationship diagrams, develop data models and to build applications with database management systems (i.e., Microsoft Access and SQL). Techniques are examined and applied to business problems through exercises and projects. The course's cornerstone is a group project involving the implementation of a DBMS-based system which supports a realistic business application and the development of a companion user's manual.

Term:

Offered Both Fall and Spring

• ISOM-424 Systems Prototyping Project

Prerequisites:

ISOM 313, ISOM 314, ISOM 423, and Senior standing

Credits:

3.00

Description:

This course is the capstone for IS majors and is designed to assist students in further developing their project management and hands-on programming skills. It emphasizes the management principles that apply to technology development along with practical skills required to develop systems to solve real world problems using the latest available technologies. Students have the opportunity to learn system design and project management concepts, and then apply these principles to projects in the business community. For this reason, the course challenges students to bring together all the computer, information systems and management skills they have acquired to produce a final, capstone project, which is presented to their clients and peers. The goal of the course is to give students experience in working with real users and state-of-the-art software tools such as Cold Fusion to prepare them for the jobs that await them in industry.

Term:

Offered Spring Term

Major Elective Courses, 3 Courses, 9 Credits

- **ISOM-212 Web Design**

Prerequisites:

Suggested prerequisite: ISOM 120.

Credits:

3.00

Description:

Web Design introduces the concepts, vocabulary, and procedures associated with web design. Students will learn how to conceptualize and design professional websites using Wix.com and Microsoft's Expression Web software. Topics will include website evaluation, information architecture, customer and task analysis, usability testing, web-hosting options, typography, color composition, screen layout, navigation, and cascading style sheets. Students will learn practical skills and techniques in projects involving digital photography, image editing, multimedia, and animation. ISOM 212 will also cover important web design themes such as accessibility, globalization, personalization, and trust.

Term:

Offered Both Fall and Spring

- **ISOM-244 Web Application Development**

Prerequisites:

SOM 120 OR ISOM 120 OR ISOM 212

Credits:

3.00

Description:

This first course in Internet application development equips students with the principles, methodology and skills required to define, develop and deploy a fully functional dynamic web application. Students will learn how to customize the content, appearance, and delivery of their website using industry-standard web development tools. Class discussion will focus on web development issues for organizations as well as the role played by development tools such as HTML5, CSS3, XML, and scripting. Each class will include hands-on lab work. A term project will be used to wrap the course content together.

Term:

Offered Spring Term

- **ISOM-301 Business Analysis for Management**

Prerequisites:

Take MGT-317 and junior status

Credits:

3.00

Description:

This course provides students with exposure to the business analysis models and techniques generally applicable to common business problems. Using the case study method, the course will emphasize analytical models including forecasting, optimization and simulation within the context of team-based work. Students will understand the process of Business Analysis (BA), the role of assumptions and elicitation, the critical value of hard analytical skills as the foundation of BA as well as the importance of interpretation, communication and implementation to the effective use of BA.

- **ISOM-315 Mobile App Development**

Prerequisites:

ISOM 120

Credits:

3.00

Description:

This course provides a comprehensive introduction to mobile app technology and design concepts. Students learn how to design, build, and optimize cross-platform mobile app using HTML5 standards. Students use CSS3, JavaScript and several JavaScript frameworks and techniques such as jQuery, jQuery Mobile, and AJAX. In addition, students will use Web services, such as Google Maps, and Web Application Programming Interfaces (Web APIs) to integrate content into their apps. Students will learn how to convert HTML5 apps into native apps for various mobile platforms. This is an introductory course and assumes no prior programming experience.

Term:

Offered Spring Term

- **ISOM-331 Global Electronic Commerce**

Prerequisites:

ISOM 310, or ISOM 423 or ACCT 430 & junior standing

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

- **ISOM-340 Security & Privacy**

Prerequisites:

ISOM 310 or 423, Junior standing

Credits:

3.00

Description:

Students are introduced to the basics of information security & privacy including the legal and ethical issues. Common types of computer attacks and counter-attacks are addressed. Security technologies such as biometrics, firewalls, intrusion detection systems and cryptography systems will be analyzed and several labs done on the same to connect theory to practice. Best practices for planning and auditing security and privacy will also be covered. Pre-requisites: ISOM 310 or ISOM 423.

Term:

Offered Fall Term

• **ISOM-341 Project Management**

Prerequisites:

ISOM 310, Junior standing

Credits:

3.00

Description:

Project management is a critical competence to business performance in contemporary organizations. This course introduces the concepts and techniques of project management, which are applicable to the development of products, services, and information systems. Topics will include project life cycles, project management tools, project process management, and project management practices. Relevant quality management concepts and tools will also be discussed.

Term:

Offered Fall Term

• **ISOM-414 Object-Oriented Programming Development With Java**

Prerequisites:

ISOM 314, or other computer programming course

Credits:

3.00

Description:

This course introduces object-oriented programming (OOP) and development using the Java programming language. It covers the basics of OOP including class hierarchies, inheritance, objects, streams, constructors, and GUI components. The course also covers the design, development, and deployment of applets, web applications, and applications that are not deployed via the Internet. Several programming projects, which strengthen the understanding of object based and event driven programming, are required. By the end of the course, students will possess a strong working competency in object oriented programming using Java.

Term:

Offered Spring Term

• **ISOM-440 ERP Systems & Process Reengineering**

Prerequisites:

ISOM 310, Junior standing

Credits:

3.00

Description:

This course provides students with a conceptual, as well as, a mechanical understanding of enterprise integration and enterprise software, business process reengineering and strategies for maximizing benefits from enterprise systems. It also examines some of the complex organizational changes and issues including implementation challenge; risks, costs, and benefits; learning and knowledge management. Hands-on lab projects on the ERP System (provided by SAP) will be utilized to reinforce the student's understanding of important enterprise systems and business process concepts.

Term:

Offered Spring Term

• **ISOM-445 Big Data and Analytics**

Prerequisites:

ISOM 201, ISOM 310, and ISOM 423 is recommended, Junior standing

Credits:

3.00

Description:

This course provides an understanding of the business potential of big data and analytics, data warehousing, how to build and maintain data warehouses, and how to use data warehouses for business advantage and as a source for business intelligence. Business intelligence refers to the use of analytical software tools to analyze big data or complex information about an organization and its competitors for use in business planning and decision-making. In building data warehouses, students will learn the inter-relationships between operation, decision support systems, strategy and the extraction and filtering process used to produce a high quality data warehouse. Data mining concepts and the use of data mining tools and methods for decision-making and for producing business intelligence is presented. Additionally, the concept of building dashboards and other visualization techniques to present data will be covered.

Term:

Offered Fall Term

• **ISOM-510 Independent Study in IS & OM**

Prerequisites:

ISOM 310, one upper level ISOM course, & instructor's consent

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

- ISOM-550 Special Topics of IS and OM

Prerequisites:

Prerequisites dependent on topic.

Credits:

3.00

Description:

An in-depth analysis of timely and special issues in information systems or operations management. Specific topics are announced when the course is scheduled. Prerequisites are dependent on specific topic.

Term:

Occasional

Information Systems/Information Technology Experiential Component, Non-Credit

Students must also complete ISOM 560 - Experiential Component, which involves 150 hours of professional information systems or information technology experience gained through a non-credit practicum, internship, part- or full-time employment, or through a cooperative education position through Suffolk's Office of Career Services and Cooperative Education. As a part of the practical experience requirement, students may also choose to enroll in ISOM 520, Internship in Information Systems (a 3-credit course). ISOM 520 cannot be used as one of the three IS major electives, although it may be used as a free elective.

Some required courses are offered only once during an academic year. It is the students' responsibility to work with their academic advisor to develop a program of study to ensure that course prerequisites are satisfied. Students may transfer a maximum of two courses towards their IS major, one of the five required courses and one of the electives. At least six major courses must be ISOM department courses. Prior approval is required for using a non-ISOM course for a major elective.

2013-2014 Archived Catalog Information

Information Systems and Operations Management

In a global economy where firms are more interconnected, they are also more exposed to rapid changing market conditions globally. Providing timely and accurate information to the appropriate personnel to enable responsive business decision making becomes the key to the future.

Increasingly, firms are leveraging advanced technologies to manage sophisticated operations in supply chains and to manage the flood of information from around the world. However, to gain a sustainable competitive advantage, firms must also rely on professionals who can manage these complex systems of information and operations worldwide to make innovative and prudent business decisions.

Demand for skilled professionals with Information Systems and Operations Management knowledge is growing fast. These professionals utilize their business background and technical skills to research innovative ways for value-creation opportunities in business operations, assessing risks and benefits of these options, and manage systems of technological tools to enable the changes needed to realize these values.

The Information Systems and Operations Management department prepares you with the foundation knowledge and analytical skills needed to launch your career. You will be able to manage the efficient flows of information, materials, and services in matching supply with demand to create value for businesses as well as their customers.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Concentration](#)
- [Courses](#)
- [Faculty](#)

Information Systems Minor, 3 courses, 9 credits

A business student may choose to minor in Information Systems by completing any three of the following courses, beyond the completion of ISOM 120, Information Technology & Productivity Tools, and ISOM 310, Management Information Systems.

- ISOM-212 Web Design

Prerequisites:

Suggested prerequisite: ISOM 120.

Credits:

3.00

Description:

Web Design introduces the concepts, vocabulary, and procedures associated with web design. Students will learn how to conceptualize and design professional websites using Wix.com and Microsoft's Expression Web software. Topics will include website evaluation, information architecture, customer and task analysis, usability testing, web-hosting options, typography, color composition, screen layout, navigation, and cascading style sheets. Students will learn practical skills and techniques in projects involving digital photography, image editing, multimedia, and animation. ISOM 212 will also cover important web design themes such as accessibility, globalization, personalization, and trust.

Term:

Offered Both Fall and Spring

• **ISOM-244 Web Application Development**

Prerequisites:

SOM 120 OR ISOM 120 OR ISOM 212

Credits:

3.00

Description:

This first course in Internet application development equips students with the principles, methodology and skills required to define, develop and deploy a fully functional dynamic web application. Students will learn how to customize the content, appearance, and delivery of their website using industry-standard web development tools. Class discussion will focus on web development issues for organizations as well as the role played by development tools such as HTML5, CSS3, XML, and scripting. Each class will include hands-on lab work. A term project will be used to wrap the course content together.

Term:

Offered Spring Term

- **ISOM-301 Business Analysis for Management**

Prerequisites:

Take MGT-317 and junior status

Credits:

3.00

Description:

This course provides students with exposure to the business analysis models and techniques generally applicable to common business problems. Using the case study method, the course will emphasize analytical models including forecasting, optimization and simulation within the context of team-based work. Students will understand the process of Business Analysis (BA), the role of assumptions and elicitation, the critical value of hard analytical skills as the foundation of BA as well as the importance of interpretation, communication and implementation to the effective use of BA.

- **ISOM-313 Systems Analysis & Design**

Prerequisites:

ISOM 310

Credits:

3.00

Description:

This course covers the concepts, techniques and tools useful for the analysis and design of business information systems. Topics include: the system development cycle, modeling, prototyping and project management. Additionally, the course focuses upon using Object Oriented analysis and design techniques including the UML. The course emphasizes the analysis of business operations as well as the interaction between information systems professionals and end-users. A term project applying these concepts and techniques is required.

Term:

Offered Both Fall and Spring

- **ISOM-314 Structured Programming**

Prerequisites:

ISOM 120 OR SOM 120

Credits:

3.00

Description:

This course develops problem solving and basic programming skills through a variety of business application assignments. The course introduces fundamental control and data structures using the VB (Visual Basic) programming language. Students learn about the concepts of structured programming, object-oriented/ event-driven programming without being exposed to the advanced principles of object-oriented programming. The course builds skills in the areas of programming logic, Visual Basic Application (VBA), interactive Windows applications, and Macro application programming. Testing and debugging techniques and the writing of well-structured code are also emphasized.

Term:

Offered Both Fall and Spring

• **ISOM-315 Mobile App Development**

Prerequisites:

ISOM 120

Credits:

3.00

Description:

This course provides a comprehensive introduction to mobile app technology and design concepts. Students learn how to design, build, and optimize cross-platform mobile app using HTML5 standards. Students use CSS3, JavaScript and several JavaScript frameworks and techniques such as jQuery, jQuery Mobile, and AJAX. In addition, students will use Web services, such as Google Maps, and Web Application Programming Interfaces (Web APIs) to integrate content into their apps. Students will learn how to convert HTML5 apps into native apps for various mobile platforms. This is an introductory course and assumes no prior programming experience.

Term:

Offered Spring Term

• ISOM-331 Global Electronic Commerce

Prerequisites:

ISOM 310, or ISOM 423 or ACCT 430 & junior standing

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

• ISOM-340 Security & Privacy

Prerequisites:

ISOM 310 or 423, Junior standing

Credits:

3.00

Description:

Students are introduced to the basics of information security & privacy including the legal and ethical issues. Common types of computer attacks and counter-attacks are addressed. Security technologies such as biometrics, firewalls, intrusion detection systems and cryptography systems will be analyzed and several labs done on the same to connect theory to practice. Best practices for planning and auditing security and privacy will also be covered. Pre-requisites: ISOM 310 or ISOM 423.

Term:

Offered Fall Term

• ISOM-341 Project Management

Prerequisites:

ISOM 310, Junior standing

Credits:

3.00

Description:

Project management is a critical competence to business performance in contemporary organizations. This course introduces the concepts and techniques of project management, which are applicable to the development of products, services, and information systems. Topics will include project life cycles, project management tools, project process management, and project management practices. Relevant quality management concepts and tools will also be discussed.

Term:

Offered Fall Term

• ISOM-414 Object-Oriented Programming Development With Java

Prerequisites:

ISOM 314, or other computer programming course

Credits:

3.00

Description:

This course introduces object-oriented programming (OOP) and development using the Java programming language. It covers the basics of OOP including class hierarchies, inheritance, objects, streams, constructors, and GUI components. The course also covers the design, development, and deployment of applets, web applications, and applications that are not deployed via the Internet. Several programming projects, which strengthen the understanding of object based and event driven programming, are required. By the end of the course, students will possess a strong working competency in object oriented programming using Java.

Term:

Offered Spring Term

• ISOM-423 Database Management

Prerequisites:

ISOM 310 OR ACCT 321

Credits:

3.00

Description:

This course provides an understanding of the role of information and databases in systems and their role as an organizational resource. Students learn to design databases using normalization and entity-relationship diagrams, develop data models and to build applications with database management systems (i.e., Microsoft Access and SQL). Techniques are examined and applied to business problems through exercises and projects. The course's cornerstone is a group project involving the implementation of a DBMS-based system which supports a realistic business application and the development of a companion user's manual.

Term:

Offered Both Fall and Spring

• ISOM-424 Systems Prototyping Project

Prerequisites:

ISOM 313, ISOM 314, ISOM 423, and Senior standing

Credits:

3.00

Description:

This course is the capstone for IS majors and is designed to assist students in further developing their project management and hands-on programming skills. It emphasizes the management principles that apply to technology development along with practical skills required to develop systems to solve real world problems using the latest available technologies. Students have the opportunity to learn system design and project management concepts, and then apply these principles to projects in the business community. For this reason, the course challenges students to bring together all the computer, information systems and management skills they have acquired to produce a final, capstone project, which is

presented to their clients and peers. The goal of the course is to give students experience in working with real users and state-of-the-art software tools such as Cold Fusion to prepare them for the jobs that await them in industry.

Term:

Offered Spring Term

- **ISOM-440 ERP Systems & Process Reengineering**

Prerequisites:

ISOM 310, Junior standing

Credits:

3.00

Description:

This course provides students with a conceptual, as well as, a mechanical understanding of enterprise integration and enterprise software, business process reengineering and strategies for maximizing benefits from enterprise systems. It also examines some of the complex organizational changes and issues including implementation challenge; risks, costs, and benefits; learning and knowledge management. Hands-on lab projects on the ERP System (provided by SAP) will be utilized to reinforce the student's understanding of important enterprise systems and business process concepts.

Term:

Offered Spring Term

- **ISOM-445 Big Data and Analytics**

Prerequisites:

ISOM 201, ISOM 310, and ISOM 423 is recommended, Junior standing

Credits:

3.00

Description:

This course provides an understanding of the business potential of big data and analytics, data warehousing, how to build and maintain data warehouses, and how to use data warehouses for business advantage and as a source for business intelligence. Business intelligence refers to the use of analytical software tools to analyze big data or complex information about an organization and its competitors for use in business planning and decision-making. In building data warehouses, students will learn the inter-relationships between operation, decision support systems, strategy and the extraction and filtering process used to produce a high quality data warehouse. Data mining concepts and the use of data mining tools and methods for decision-making and for producing business intelligence is presented. Additionally, the concept of building dashboards and other visualization techniques to present data will be covered.

Term:

Offered Fall Term

- **ISOM-510 Independent Study in IS & OM**

Prerequisites:

ISOM 310, one upper level ISOM course, & instructor's consent

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

- **ISOM-550 Special Topics of IS and OM**

Prerequisites:

Prerequisites dependent on topic.

Credits:

3.00

Description:

An in-depth analysis of timely and special issues in information systems or operations management. Specific topics are announced when the course is scheduled. Prerequisites are dependent on specific topic.

Term:

Occasional

Electronic Commerce Minor, 3 courses, 9 credits

The minor in Electronic Commerce is more focused than the general IS minor. Students may minor in both IS and Electronic Commerce, but three distinct courses are required for each minor. These three courses are beyond the completion of ISOM 120, Information Technology & Productivity Tools, and ISOM 310, Management Information Systems. One of the three minor courses must be ISOM 212, Web Design, or ISOM 331, Electronic Commerce.

Select one:

- **ISOM-212 Web Design**

Prerequisites:

Suggested prerequisite: ISOM 120.

Credits:

3.00

Description:

Web Design introduces the concepts, vocabulary, and procedures associated with web design. Students will learn how to conceptualize and design professional websites using Wix.com and Microsoft's Expression Web software. Topics will include website evaluation, information architecture, customer and task analysis, usability testing, web-hosting options, typography, color composition, screen layout, navigation, and cascading style sheets. Students will learn practical skills and techniques in projects involving digital photography, image editing, multimedia, and animation. ISOM 212 will also cover important web design themes such as accessibility, globalization, personalization, and trust.

Term:

Offered Both Fall and Spring

- **ISOM-331 Global Electronic Commerce**

Prerequisites:

ISOM 310, or ISOM 423 or ACCT 430 & junior standing

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

Select two:

- **ISOM-212 Web Design**

Prerequisites:

Suggested prerequisite: ISOM 120.

Credits:

3.00

Description:

Web Design introduces the concepts, vocabulary, and procedures associated with web design. Students will learn how to conceptualize and design professional websites using Wix.com and Microsoft's Expression Web software. Topics will include website evaluation, information architecture, customer and task analysis, usability testing, web-hosting options, typography, color composition, screen layout, navigation, and cascading style

sheets. Students will learn practical skills and techniques in projects involving digital photography, image editing, multimedia, and animation. ISOM 212 will also cover important web design themes such as accessibility, globalization, personalization, and trust.

Term:

Offered Both Fall and Spring

- **ISOM-244 Web Application Development**

Prerequisites:

SOM 120 OR ISOM 120 OR ISOM 212

Credits:

3.00

Description:

This first course in Internet application development equips students with the principles, methodology and skills required to define, develop and deploy a fully functional dynamic web application. Students will learn how to customize the content, appearance, and delivery of their website using industry-standard web development tools. Class discussion will focus on web development issues for organizations as well as the role played by development tools such as HTML5, CSS3, XML, and scripting. Each class will include hands-on lab work. A term project will be used to wrap the course content together.

Term:

Offered Spring Term

- **ISOM-331 Global Electronic Commerce**

Prerequisites:

ISOM 310, or ISOM 423 or ACCT 430 & junior standing

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

- **ADG-S219 Computer Applications in Design**

Prerequisites:

Intended for majors only

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

- **MKT-477 eMarketing**

Prerequisites:

MKT 210 or 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.

Information Systems Minor for College of Arts and Sciences Students, 6 courses, 18 credits

After SBS 101 Business Foundations and ISOM 120, College students are required to take ISOM 310 and 3 of the following:

- **ISOM-212 Web Design**

Prerequisites:

Suggested prerequisite: ISOM 120.

Credits:

3.00

Description:

Web Design introduces the concepts, vocabulary, and procedures associated with web design. Students will learn how to conceptualize and design professional websites using Wix.com and Microsoft's Expression Web software. Topics will include website evaluation, information architecture, customer and task analysis, usability testing, web-hosting options, typography, color composition, screen layout, navigation, and cascading style sheets. Students will learn practical skills and techniques in projects involving digital photography, image editing, multimedia, and animation. ISOM 212 will also cover important web design themes such as accessibility, globalization, personalization, and trust.

Term:

Offered Both Fall and Spring

- **ISOM-244 Web Application Development**

Prerequisites:

SOM 120 OR ISOM 120 OR ISOM 212

Credits:

3.00

Description:

This first course in Internet application development equips students with the principles, methodology and skills required to define, develop and deploy a fully functional dynamic web application. Students will learn how to customize the content, appearance, and delivery of their website using industry-standard web development tools. Class discussion will focus on web development issues for organizations as well as the role played by development tools such as HTML5, CSS3, XML, and scripting. Each class will include hands-on lab work. A term project will be used to wrap the course content together.

Term:

Offered Spring Term

- **ISOM-301 Business Analysis for Management**

Prerequisites:

Take MGT-317 and junior status

Credits:

3.00

Description:

This course provides students with exposure to the business analysis models and techniques generally applicable to common business problems. Using the case study method, the course will emphasize analytical models including forecasting, optimization and simulation within the context of team-based work. Students will understand the process of Business Analysis (BA), the role of assumptions and elicitation, the critical value of hard analytical skills as the foundation of BA as well as the importance of interpretation, communication and implementation to the effective use of BA.

- **ISOM-313 Systems Analysis & Design**

Prerequisites:

ISOM 310

Credits:

3.00

Description:

This course covers the concepts, techniques and tools useful for the analysis and design of business information systems. Topics include: the system development cycle, modeling, prototyping and project management. Additionally, the course focuses upon using Object Oriented analysis and design techniques including the UML. The course emphasizes the analysis of business operations as well as the interaction between information systems professionals and end-users. A term project applying these concepts and techniques is required.

Term:

Offered Both Fall and Spring

• ISOM-314 Structured Programming

Prerequisites:

ISOM 120 OR SOM 120

Credits:

3.00

Description:

This course develops problem solving and basic programming skills through a variety of business application assignments. The course introduces fundamental control and data structures using the VB (Visual Basic) programming language. Students learn about the concepts of structured programming, object-oriented/ event-driven programming without being exposed to the advanced principles of object-oriented programming. The course builds skills in the areas of programming logic, Visual Basic Application (VBA), interactive Windows applications, and Macro application programming. Testing and debugging techniques and the writing of well-structured code are also emphasized.

Term:

Offered Both Fall and Spring

• ISOM-315 Mobile App Development

Prerequisites:

ISOM 120

Credits:

3.00

Description:

This course provides a comprehensive introduction to mobile app technology and design concepts. Students learn how to design, build, and optimize cross-platform mobile app using HTML5 standards. Students use CSS3, JavaScript and several JavaScript frameworks and techniques such as jQuery, jQuery Mobile, and AJAX. In addition, students will use Web services, such as Google Maps, and Web Application Programming Interfaces (Web APIs) to integrate content into their apps. Students will learn how to convert HTML5 apps into native apps for various mobile platforms. This is an introductory course and assumes no prior programming experience.

Term:

Offered Spring Term

• **ISOM-331 Global Electronic Commerce**

Prerequisites:

ISOM 310, or ISOM 423 or ACCT 430 & junior standing

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

• **ISOM-341 Project Management**

Prerequisites:

ISOM 310, Junior standing

Credits:

3.00

Description:

Project management is a critical competence to business performance in contemporary organizations. This course introduces the concepts and techniques of project management, which are applicable to the development of products, services, and information systems. Topics will include project life cycles, project management tools, project process management, and project management practices. Relevant quality management concepts and tools will also be discussed.

Term:

Offered Fall Term

- **ISOM-414 Object-Oriented Programming Development With Java**

Prerequisites:

ISOM 314, or other computer programming course

Credits:

3.00

Description:

This course introduces object-oriented programming (OOP) and development using the Java programming language. It covers the basics of OOP including class hierarchies, inheritance, objects, streams, constructors, and GUI components. The course also covers the design, development, and deployment of applets, web applications, and applications that are not deployed via the Internet. Several programming projects, which strengthen the understanding of object based and event driven programming, are required. By the end of the course, students will possess a strong working competency in object oriented programming using Java.

Term:

Offered Spring Term

- **ISOM-423 Database Management**

Prerequisites:

ISOM 310 OR ACCT 321

Credits:

3.00

Description:

This course provides an understanding of the role of information and databases in systems and their role as an organizational resource. Students learn to design databases using normalization and entity-relationship diagrams, develop data models and to build applications with database management systems (i.e., Microsoft Access and SQL). Techniques are examined and applied to business problems through exercises and projects. The course's cornerstone is a group project involving the implementation of a DBMS-based system which supports a realistic business application and the development of a companion user's manual.

Term:

Offered Both Fall and Spring

• ISOM-424 Systems Prototyping Project

Prerequisites:

ISOM 313, ISOM 314, ISOM 423, and Senior standing

Credits:

3.00

Description:

This course is the capstone for IS majors and is designed to assist students in further developing their project management and hands-on programming skills. It emphasizes the management principles that apply to technology development along with practical skills required to develop systems to solve real world problems using the latest available technologies. Students have the opportunity to learn system design and project management concepts, and then apply these principles to projects in the business community. For this reason, the course challenges students to bring together all the computer, information systems and management skills they have acquired to produce a final, capstone project, which is presented to their clients and peers. The goal of the course is to give students experience in working with real users and state-of-the-art software tools such as Cold Fusion to prepare them for the jobs that await them in industry.

Term:

Offered Spring Term

• ISOM-440 ERP Systems & Process Reengineering

Prerequisites:

ISOM 310, Junior standing

Credits:

3.00

Description:

This course provides students with a conceptual, as well as, a mechanical understanding of enterprise integration and enterprise software, business process reengineering and strategies for maximizing benefits from enterprise systems. It also examines some of the complex organizational changes and issues including implementation challenge; risks, costs, and benefits; learning and knowledge management. Hands-on lab projects on the ERP System (provided by SAP) will be utilized to reinforce the student's understanding of important enterprise systems and business process concepts.

Term:

Offered Spring Term

• ISOM-445 Big Data and Analytics

Prerequisites:

ISOM 201, ISOM 310, and ISOM 423 is recommended, Junior standing

Credits:

3.00

Description:

This course provides an understanding of the business potential of big data and analytics, data warehousing, how to build and maintain data warehouses, and how to use data warehouses for business advantage and as a source for business intelligence. Business intelligence refers to the use of analytical software tools to analyze big data or complex information about an organization and its competitors for use in business planning and decision-making. In building data warehouses, students will learn the inter-relationships between operation, decision support systems, strategy and the extraction and filtering process used to produce a high quality data warehouse. Data mining concepts and the use of data mining tools and methods for decision-making and for producing business intelligence is presented. Additionally, the concept of building dashboards and other visualization techniques to present data will be covered.

Term:

Offered Fall Term

- **ISOM-510 Independent Study in IS & OM**

Prerequisites:

ISOM 310, one upper level ISOM course, & instructor's consent

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

- **ISOM-550 Special Topics of IS and OM**

Prerequisites:

Prerequisites dependent on topic.

Credits:

3.00

Description:

An in-depth analysis of timely and special issues in information systems or operations management. Specific topics are announced when the course is scheduled. Prerequisites are dependent on specific topic.

Term:

Occasional

College students interested in a broader business minor, can select the General Business Minor.

2013-2014 Archived Catalog Information

Information Systems and Operations Management

In a global economy where firms are more interconnected, they are also more exposed to rapid changing market conditions globally. Providing timely and accurate information to the appropriate personnel to enable responsive business decision making becomes the key to the future.

Increasingly, firms are leveraging advanced technologies to manage sophisticated operations in supply chains and to manage the flood of information from around the world. However, to gain a sustainable competitive advantage, firms must also rely on professionals who can manage these complex systems of information and operations worldwide to make innovative and prudent business decisions.

Demand for skilled professionals with Information Systems and Operations Management knowledge is growing fast. These professionals utilize their business background and technical skills to research innovative ways for value-creation opportunities in business operations, assessing risks and benefits of these options, and manage systems of technological tools to enable the changes needed to realize these values.

The Information Systems and Operations Management department prepares you with the foundation knowledge and analytical skills needed to launch your career. You will be able to manage the efficient flows of information, materials, and services in matching supply with demand to create value for businesses as well as their customers.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Concentration](#)
- [Courses](#)
- [Faculty](#)

Web Design Concentration

This concentration is for College of Arts and Sciences students who want an educational foundation and skills to design, develop, and implement Web-based media applications.

College of Arts and Sciences Students (4 courses, 12 credits): After completion of ISOM 120 Information Technology and Productivity Tools, students complete three courses detailed below. To test out of the ISOM 120 course, please visit the ISOM Department for details.

Two introductory classes (6 credits):

- **ISOM-212 Web Design**

Prerequisites:

Suggested prerequisite: ISOM 120.

Credits:

3.00

Description:

Web Design introduces the concepts, vocabulary, and procedures associated with web design. Students will learn how to conceptualize and design professional websites using Wix.com and Microsoft's Expression Web software. Topics will include website evaluation, information architecture, customer and task analysis, usability testing, web-hosting options, typography, color composition, screen layout, navigation, and cascading style sheets. Students will learn practical skills and techniques in projects involving digital photography, image editing, multimedia, and animation. ISOM 212 will also cover important web design themes such as accessibility, globalization, personalization, and trust.

Term:

Offered Both Fall and Spring

- **ISOM-244 Web Application Development**

Prerequisites:

SOM 120 OR ISOM 120 OR ISOM 212

Credits:

3.00

Description:

This first course in Internet application development equips students with the principles, methodology and skills required to define, develop and deploy a fully functional dynamic web application. Students will learn how to customize the content, appearance, and delivery of their website using industry-standard web development tools. Class discussion will focus on web development issues for organizations as well as the role played by development tools such as HTML5, CSS3, XML, and scripting. Each class will include hands-on lab work. A term project will be used to wrap the course content together.

Term:

Offered Spring Term

Select one advanced class (3 credits):

- **ISOM-313 Systems Analysis & Design**

Prerequisites:

ISOM 310

Credits:

3.00

Description:

This course covers the concepts, techniques and tools useful for the analysis and design of business information systems. Topics include: the system development cycle, modeling, prototyping and project management. Additionally, the course focuses upon using Object Oriented analysis and design techniques including the UML. The course emphasizes the analysis of business operations as well as the interaction between information systems professionals and end-users. A term project applying these concepts and techniques is required.

Term:

Offered Both Fall and Spring

- **ISOM-314 Structured Programming**

Prerequisites:

ISOM 120 OR SOM 120

Credits:

3.00

Description:

This course develops problem solving and basic programming skills through a variety of business application assignments. The course introduces fundamental control and data structures using the VB (Visual Basic) programming language. Students learn about the concepts of structured

programming, object-oriented/ event-driven programming without being exposed to the advanced principles of object-oriented programming. The course builds skills in the areas of programming logic, Visual Basic Application (VBA), interactive Windows applications, and Macro application programming. Testing and debugging techniques and the writing of well-structured code are also emphasized.

Term:

Offered Both Fall and Spring

- **ISOM-331 Global Electronic Commerce**

Prerequisites:

ISOM 310, or ISOM 423 or ACCT 430 & junior standing

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

- **ISOM-340 Security & Privacy**

Prerequisites:

ISOM 310 or 423, Junior standing

Credits:

3.00

Description:

Students are introduced to the basics of information security & privacy including the legal and ethical issues. Common types of computer attacks and counter-attacks are addressed. Security technologies such as biometrics, firewalls, intrusion detection systems and cryptography systems will be analyzed and several labs done on the same to connect theory to practice. Best practices for planning and auditing security and privacy will also be covered. Pre-requisites: ISOM 310 or ISOM 423.

Term:

Offered Fall Term

2013-2014 Archived Catalog Information

Information Systems and Operations Management

In a global economy where firms are more interconnected, they are also more exposed to rapid changing market conditions globally. Providing timely and accurate information to the appropriate personnel to enable responsive business decision making becomes the key to the future.

Increasingly, firms are leveraging advanced technologies to manage sophisticated operations in supply chains and to manage the flood of information from around the world. However, to gain a sustainable competitive advantage, firms must also rely on professionals who can manage these complex systems of information and operations worldwide to make innovative and prudent business decisions.

Demand for skilled professionals with Information Systems and Operations Management knowledge is growing fast. These professionals utilize their business background and technical skills to research innovative ways for value-creation opportunities in business operations, assessing risks and benefits of these options, and manage systems of technological tools to enable the changes needed to realize these values.

The Information Systems and Operations Management department prepares you with the foundation knowledge and analytical skills needed to launch your career. You will be able to manage the efficient flows of information, materials, and services in matching supply with demand to create value for businesses as well as their customers.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Concentration](#)
- [Courses](#)
- [Faculty](#)
- ISOM-120 Information Technology and Productivity

Credits:

3.00

Description:

This course provides a comprehensive introduction to information technology and information systems concepts. Students learn the importance of modern information technologies in the workplace. The course covers technology resources of the digital age, such as computer software, hardware, communication, database and telecommunication systems. Students also learn to increase productivity through the integration and use of productivity software applications, such as spreadsheets, presentation software and databases. In addition, students learn the fundamental concepts of database design and relational database management systems (DBMS) such as Microsoft access.

Term:

Offered Both Fall and Spring

- **ISOM-H120 Honors Information Technology and Productivity**

Prerequisites:

Griffin Fellows Honors Students Only; GPA of 3.2

Credits:

3.00

Description:

OPEN TO GRIFFIN FELLOWS AND HONOR STUDENTS ONLY GPA of 3.2 or above required.

Term:

Offered Fall Term

- **ISOM-130 Data Science and Analytics**

Prerequisites:

SBS 101

Credits:

3.00

Description:

The availability of massive amounts of complex digital data has created the need for professionals that can compile, analyze and share electronic data in a meaningful way. Such data may be gathered from internal company records and business transactions or externally from other data sources and/or the Web. The data must then be cleansed, organized, aggregated, analyzed and presented in order to be useful. This course provides students with a comprehensive introduction to the core concepts, applications and tools of data acquisition, preparation, querying, analytics, and data management as needed in various business functions. Students will have hands-on experience using real data to perform these functions. Topics include: data life cycle, big data, analytics, data collection, preparation, organization and storage, aggregation and summary, and presentation/visualization. Students will use tools such as MS Excel, MS Access, SQL, and SAS Visual Analytics.

- **ISOM-201 Data and Decisions Analysis**

Prerequisites:

ISOM-120; STATs 240 or 250; Math 130, 134, 161, or 165

Credits:

3.00

Description:

This course is designed to introduce undergraduate business students to fundamental quantitative methods of using data to make informed management decisions. Topics covered include: decision modeling, decision analysis, regression, forecasting, optimization, and simulation, as it applies to the study and analysis of business problems for decision support in finance, marketing, service, and manufacturing operations. Practical business cases and examples drawn from finance, marketing, operations management, and other management areas are used to provide students with a perspective on how management science is used in practice. The implementation of management science tools has been facilitated by the intensive use of Excel spreadsheet models.

Term:

Offered Both Fall and Spring

- **ISOM-H201 Honors Data & Decisions Analysis**

Prerequisites:

ISOM 120; STATS 240 or 250; MATH 130,134,161 or 165; Griffin Fellows and Honor Students only; GPA of 3.2

Credits:

3.00

Description:

OPEN TO GRIFFIN FELLOWS AND HONOR STUDENTS ONLY GPA of 3.2 or above required.

Term:

Offered Fall Term

• **ISOM-212 Web Design**

Prerequisites:

Suggested prerequisite: ISOM 120.

Credits:

3.00

Description:

Web Design introduces the concepts, vocabulary, and procedures associated with web design. Students will learn how to conceptualize and design professional websites using Wix.com and Microsoft's Expression Web software. Topics will include website evaluation, information architecture, customer and task analysis, usability testing, web-hosting options, typography, color composition, screen layout, navigation, and cascading style sheets. Students will learn practical skills and techniques in projects involving digital photography, image editing, multimedia, and animation. ISOM 212 will also cover important web design themes such as accessibility, globalization, personalization, and trust.

Term:

Offered Both Fall and Spring

• **ISOM-244 Web Application Development**

Prerequisites:

SOM 120 OR ISOM 120 OR ISOM 212

Credits:

3.00

Description:

This first course in Internet application development equips students with the principles, methodology and skills required to define, develop and deploy a fully functional dynamic web application. Students will learn how to customize the content, appearance, and delivery of their website using industry-standard web development tools. Class discussion will focus on web development issues for organizations as well as the role played by development tools such as HTML5, CSS3, XML, and scripting. Each class will include hands-on lab work. A term project will be used to wrap the course content together.

Term:

Offered Spring Term

• ISOM-301 Business Analysis for Management

Prerequisites:

Take MGT-317 and junior status

Credits:

3.00

Description:

This course provides students with exposure to the business analysis models and techniques generally applicable to common business problems. Using the case study method, the course will emphasize analytical models including forecasting, optimization and simulation within the context of team-based work. Students will understand the process of Business Analysis (BA), the role of assumptions and elicitation, the critical value of hard analytical skills as the foundation of BA as well as the importance of interpretation, communication and implementation to the effective use of BA.

• ISOM-310 Management Information Systems

Prerequisites:

ISOM 120 AND ENG 102 and at least 45 completed credits

Credits:

3.00

Description:

This course examines the rise of information-enabled enterprises and the role of information technologies/information systems (IT/IS) and e-commerce as key enablers of businesses and social changes globally. The effective application of IT/IS to support strategic planning, managerial control, operations and business process integration in the digital economy is covered. The course also examines the IT/IS related issues of ethics, privacy, piracy and security in the information society.

Term:

Offered Both Fall and Spring

- **ISOM-H310 Honors Management Info System**

Prerequisites:

ISOM 120 and ENG 102; JR standing; Honors class; GPA 3.2

Credits:

3.00

Description:

OPEN TO GRIFFIN FELLOWS AND HONOR STUDENTS ONLY GPA of 3.2 or above required.

Term:

Offered Fall Term

- **ISOM-313 Systems Analysis & Design**

Prerequisites:

ISOM 310

Credits:

3.00

Description:

This course covers the concepts, techniques and tools useful for the analysis and design of business information systems. Topics include: the system development cycle, modeling, prototyping and project management. Additionally, the course focuses upon using Object Oriented analysis and design

techniques including the UML. The course emphasizes the analysis of business operations as well as the interaction between information systems professionals and end-users. A term project applying these concepts and techniques is required.

Term:

Offered Both Fall and Spring

- **ISOM-314 Structured Programming**

Prerequisites:

ISOM 120 OR SOM 120

Credits:

3.00

Description:

This course develops problem solving and basic programming skills through a variety of business application assignments. The course introduces fundamental control and data structures using the VB (Visual Basic) programming language. Students learn about the concepts of structured programming, object-oriented/ event-driven programming without being exposed to the advanced principles of object-oriented programming. The course builds skills in the areas of programming logic, Visual Basic Application (VBA), interactive Windows applications, and Macro application programming. Testing and debugging techniques and the writing of well-structured code are also emphasized.

Term:

Offered Both Fall and Spring

- **ISOM-315 Mobile App Development**

Prerequisites:

ISOM 120

Credits:

3.00

Description:

This course provides a comprehensive introduction to mobile app technology and design concepts. Students learn how to design, build, and optimize cross-platform mobile app using HTML5 standards. Students use CSS3, JavaScript and several JavaScript frameworks and techniques such as jQuery, jQuery Mobile, and AJAX. In addition, students will use Web services, such as Google Maps, and Web Application Programming Interfaces (Web APIs) to integrate content into their apps. Students will learn how to convert HTML5 apps into native apps for various mobile platforms. This is an introductory course and assumes no prior programming experience.

Term:

Offered Spring Term

- **ISOM-319 Operations Management**

Prerequisites:

SBS 101 and ISOM 201, Junior Standing

Credits:

3.00

Description:

In this course, students are introduced to the operating component of a service/manufacturing organization where inputs such as raw material, labor, or other resources are transformed into finished services and/or goods. The following OM areas: strategic and tactical issues, product planning and process design, technology management, quality management, capacity, location, and layout planning, inventory management, forecasting and work force management issues are addressed through class discussions, readings and cases. Quantitative models, analytical tools and case studies are used to analyze problems that the business manager would face in both a local and global setting.

Term:

Offered Both Fall and Spring

- **ISOM-H319 Honors Operations Management**

Prerequisites:

MGT 101 and ISOM 201 (formerly MGT 201), Junior Standing Honors section, GPA of 3.2 or higher

Credits:

3.00

Description:

OPEN TO GRIFFIN FELLOWS AND HONOR STUDENTS ONLY GPA of 3.2 or above required.

Term:

Offered Spring Term

- **ISOM-330 Applied Predictive Analytics**

Prerequisites:

ISOM 201.

Credits:

3.00

- **ISOM-331 Global Electronic Commerce**

Prerequisites:

ISOM 310, or ISOM 423 or ACCT 430 & junior standing

Credits:

3.00

Description:

This course examines the role of information systems and e-commerce in global business competition. It considers the technological, cultural, economic, social and legal issues in the development of cross-border information systems for business or social developments. Readings and cases will be used to examine current issues, as well as opportunities and challenges. Prerequisites: ISOM 310, or ISOM 423 or ACCT 430 May also be taken concurrently.

Term:

Offered Fall Term

• ISOM-340 Security & Privacy

Prerequisites:

ISOM 310 or 423, Junior standing

Credits:

3.00

Description:

Students are introduced to the basics of information security & privacy including the legal and ethical issues. Common types of computer attacks and counter-attacks are addressed. Security technologies such as biometrics, firewalls, intrusion detection systems and cryptography systems will be analyzed and several labs done on the same to connect theory to practice. Best practices for planning and auditing security and privacy will also be covered. Pre-requisites: ISOM 310 or ISOM 423.

Term:

Offered Fall Term

• ISOM-341 Project Management

Prerequisites:

ISOM 310, Junior standing

Credits:

3.00

Description:

Project management is a critical competence to business performance in contemporary organizations. This course introduces the concepts and techniques of project management, which are applicable to the development of products, services, and information systems. Topics will include project life cycles, project management tools, project process management, and project management practices. Relevant quality management concepts and tools will also be discussed.

Term:

Offered Fall Term

- **ISOM-414 Object-Oriented Programming Development With Java**

Prerequisites:

ISOM 314, or other computer programming course

Credits:

3.00

Description:

This course introduces object-oriented programming (OOP) and development using the Java programming language. It covers the basics of OOP including class hierarchies, inheritance, objects, streams, constructors, and GUI components. The course also covers the design, development, and deployment of applets, web applications, and applications that are not deployed via the Internet. Several programming projects, which strengthen the understanding of object based and event driven programming, are required. By the end of the course, students will possess a strong working competency in object oriented programming using Java.

Term:

Offered Spring Term

- **ISOM-423 Database Management**

Prerequisites:

ISOM 310 OR ACCT 321

Credits:

3.00

Description:

This course provides an understanding of the role of information and databases in systems and their role as an organizational resource. Students learn to design databases using normalization and entity-relationship diagrams, develop data models and to build applications with database management systems (i.e., Microsoft Access and SQL). Techniques are examined and applied to business problems through exercises and projects. The course's cornerstone is a group project involving the implementation of a DBMS-based system which supports a realistic business application and the development of a companion user's manual.

Term:

Offered Both Fall and Spring

- **ISOM-424 Systems Prototyping Project**

Prerequisites:

ISOM 313, ISOM 314, ISOM 423, and Senior standing

Credits:

3.00

Description:

This course is the capstone for IS majors and is designed to assist students in further developing their project management and hands-on programming skills. It emphasizes the management principles that apply to technology development along with practical skills required to develop systems to solve real world problems using the latest available technologies. Students have the opportunity to learn system design and project management concepts, and then apply these principles to projects in the business community. For this reason, the course challenges students to bring together all the computer, information systems and management skills they have acquired to produce a final, capstone project, which is presented to their clients and peers. The goal of the course is to give students experience in working with real users and state-of-the-art software tools such as Cold Fusion to prepare them for the jobs that await them in industry.

Term:

Offered Spring Term

- **ISOM-440 ERP Systems & Process Reengineering**

Prerequisites:

ISOM 310, Junior standing

Credits:

3.00

Description:

This course provides students with a conceptual, as well as, a mechanical understanding of enterprise integration and enterprise software, business process reengineering and strategies for maximizing benefits from enterprise systems. It also examines some of the complex organizational changes

and issues including implementation challenge; risks, costs, and benefits; learning and knowledge management. Hands-on lab projects on the ERP System (provided by SAP) will be utilized to reinforce the student's understanding of important enterprise systems and business process concepts.

Term:

Offered Spring Term

- **ISOM-445 Big Data and Analytics**

Prerequisites:

ISOM 201, ISOM 310, and ISOM 423 is recommended, Junior standing

Credits:

3.00

Description:

This course provides an understanding of the business potential of big data and analytics, data warehousing, how to build and maintain data warehouses, and how to use data warehouses for business advantage and as a source for business intelligence. Business intelligence refers to the use of analytical software tools to analyze big data or complex information about an organization and its competitors for use in business planning and decision-making. In building data warehouses, students will learn the inter-relationships between operation, decision support systems, strategy and the extraction and filtering process used to produce a high quality data warehouse. Data mining concepts and the use of data mining tools and methods for decision-making and for producing business intelligence is presented. Additionally, the concept of building dashboards and other visualization techniques to present data will be covered.

Term:

Offered Fall Term

- **ISOM-510 Independent Study in IS & OM**

Prerequisites:

ISOM 310, one upper level ISOM course, & instructor's consent

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Term:

Offered Both Fall and Spring

- **ISOM-520 Internship in Information Systems**

Prerequisites:

ISOM 310; One upper level ISOM course; JR standing; instructor's consent; ISOM GPA of 3.0 & Cum GPA of 2.5

Credits:

3.00

Description:

An internship may be used to satisfy the IS major practical experience requirement of a minimum of 150 hours of information systems/information technology experience. Most internships will exceed 150 hours and may be paid or unpaid. Prior approval of your position by the IS Practical Experience Coordinator is required. This is accomplished by completing the IS Practicum Approval Form with an internship description. The internship description includes the job description, the number of hours of work, the number of credits, grading criteria and any other requirements. Students should enroll in ISOM 520 prior to starting their internship. This is a graded course and cannot be used as a major elective. Students may decide to register for this free elective course as pass fail (see <http://www2.suffolk.edu/offices/54969.html>). Prerequisites: Practical Experience Coordinator's Approval Required and Junior Standing, minimum ISOM GPA of 3.0, and minimum overall GPA of 2.5.

Term:

Offered Both Fall and Spring

- **ISOM-550 Special Topics of IS and OM**

Prerequisites:

Prerequisites dependent on topic.

Credits:

3.00

Description:

An in-depth analysis of timely and special issues in information systems or operations management. Specific topics are announced when the course is scheduled. Prerequisites are dependent on specific topic.

Term:

Occasional

• **ISOM-560 Information Systems Practicum**

Prerequisites:

Junior standing; Instructor's Consent

Credits:

0.00

Description:

All majors are required to complete 150 hours of information systems/information technology experience. The 150 hours of work experience may be obtained in one or more positions as an intern, part- or full-time employee or volunteer. Prior approval of your position by the IS Practical Experience Coordinator is required. This is accomplished by completing the IS Practicum Approval Form. Students should enroll in ISOM 560 no earlier than the semester when they expect to complete the 150 hours. Student should log their work tasks and accomplishments. Prerequisites: Practical Experience Coordinator's Approval Required

Term:

Offered Both Fall and Spring

2013-2014 Archived Catalog Information

Information Systems and Operations Management

In a global economy where firms are more interconnected, they are also more exposed to rapid changing market conditions globally. Providing timely and accurate information to the appropriate personnel to enable responsive business decision making becomes the key to the future.

Increasingly, firms are leveraging advanced technologies to manage sophisticated operations in supply chains and to manage the flood of information from around the world. However, to gain a sustainable competitive advantage, firms must also rely on professionals who can manage these complex systems of information and operations worldwide to make innovative and prudent business decisions.

Demand for skilled professionals with Information Systems and Operations Management knowledge is growing fast. These professionals utilize their business background and technical skills to research innovative ways for value-creation opportunities in business operations, assessing risks and benefits of these options, and manage systems of technological tools to enable the changes needed to realize these values.

The Information Systems and Operations Management department prepares you with the foundation knowledge and analytical skills needed to launch your career. You will be able to manage the efficient flows of information, materials, and services in matching supply with demand to create value for businesses as well as their customers.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Concentration](#)
- [Courses](#)
- [Faculty](#)

Professor: Kamis

Associate Professors: Arslan, Frank, Hung (Chair), Kahn, Kim, Ngugi, Yao

Assistant Professors: Li, Thomas

Instructors: Mana, McDonald, Mee, Zouharis

2013-2014 Archived Catalog Information

Management

The Management major is offered by the Management and Entrepreneurship Department. An important goal of the management curriculum is to develop the student's awareness of the types of general problems faced by managers and to promote an understanding of the concepts and tools available for solving them. The curriculum focuses on the principles and practices of planning, organizing, evaluating and decision making as they are currently being applied in profit and non-profit organizations, in the U.S. and around the world.

The highly competitive nature of business places a premium on effective communication, teamwork, leadership, and effectively managing in an international context. Our graduates pursue successful management careers in a variety of organizations; many further their studies by enrolling in MBA programs at Suffolk University or other institutions.

The management major focuses on broad managerial issues in established corporations, whether large or small. Its goal is to provide students with a flexible background that will allow them to operate effectively within this environment.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Management Minor Requirements](#)
- [Social Impact Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

Management Major Requirements

The management major consists of a minimum of 18 credits, which include three required courses and at least three elective courses, all taken at Suffolk University.

Required Courses, 3 Courses, 9 Credits

- MGT-331 Leadership

Prerequisites:

MGT 317

Credits:

3.00

Description:

This course is designed to provide a fundamental understanding of the principles of leadership and the core competencies, traits and behaviors that enable effective leadership. It is an interactive, event-driven program to develop, refine and refresh leadership qualities through activities, individual assessments, coaching, research and dynamic group discussion to practice and develop individual skills. Students will examine various leadership theories, identify styles and preferences, practice conflict management and team building, feedback and expectation setting by applying classroom/real world situations to their own learning.

Term:

Offered Both Fall and Spring

• **MGT-335 Managing Across Cultures**

Prerequisites:

MGT 101

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

• MGT-419 Senior Capstone Project Course

Prerequisites:

SBS 101, MKT 210 or MKT310, MGT 317 and ISOM 319. Restricted to seniors.

Credits:

3.00

Description:

This capstone course allows students to integrate and apply their acquired knowledge in pro bono consulting projects under the supervision of a faculty mentor, coach and advisor. Course skills to be developed include project management, business communication, and action-oriented analysis. Students analyze real-world problems using primary and secondary research methods, identify feasible options for action, and make professional written and oral presentations to their client organization. An occasional Friday class may be required.

Term:

Offered Both Fall and Spring

Elective Courses, 3 Courses, 9 Credits

• MGT-301 Managing Change

Prerequisites:

MGT-317

Credits:

3.00

Description:

Change is constant in all industries and work settings. Accordingly there is constant demand for people who can understand the need for change, make complex, strategic and realistic change plans, and lead others through a successful implementation of a planned change. This lively case-based course will focus on managerial and leadership skill-building in the areas of change management through the careful and thorough analysis of change-focused case studies. Students will be expected to conduct both individual and group-based analyses of complex business cases; including the preparation of written case analyses, active participation in case discussions, and delivery of case analyses through oral presentation.

Term:

Offered Both Fall and Spring

- **MGT-302 Developing Innovation Skills**

Credits:

3.00

Description:

This highly interactive and experiential course will help you to develop your creative skills for business and life success. Corporate leaders consider creativity [1] to be an essential skill. However, according to a recent Conference Board study [2], college graduates lack the creativity and innovation skills needed to succeed in the workplace. The Council on Competitiveness warns that companies that do not embrace innovation (and creativity) as a core business value will fall to global competition.[3] We will discuss meaning of life issues that will serve to clarify your thinking and help you align your values and belief-systems with what you do on a daily basis at work and throughout your life. A substantial body of evidence indicates that people tend to be more creative when working on projects that interest them, and most creative when passionately immersed in their endeavors. We will focus on enhancing creativity in the workplace to achieve defined organizational needs, to add economic value to the organization, and to create social value as well. We will also focus on helping you to understand and apply a wide array of creative processes and tools to develop your creative competencies and skills. We will use breakout groups, role plays, experiential exercises, and discussions to facilitate your learning. This course is an invitation to you to explore and define what you want to create in your life. [1] The Conference Board defines creativity/innovation as the ability to demonstrate originality, inventiveness in work, communicate new ideas to others, and integrate knowledge across disciplines. [2] Are They Ready To Work: Employers' Perspectives on the Basic Knowledge and Applied Skills of New Entrants to the 21st Century Workforce. 2006. [3] Innovate America: Thriving in a World of Challenge and Change. July, 2004. National Innovation Initiative, Council on Competitiveness.

Term:

Summer

- **MGT-313 Human Resource Management**

Prerequisites:

SOM 101, And Junior standing

Credits:

3.00

Description:

This course includes a study of the modern human resources department in industry with special emphasis on the techniques and methods of management, utilization of people, and contemporary human resource issues and problems.

Term:

Offered Fall Term

- **MGT-320 Small Business Management**

Prerequisites:

SBS101 & Junior Standing

Credits:

3.00

Description:

How do you manage the day-to-day challenges or working in a small business or starting a new venture? This case-driven course covers the role and importance of small business in the U.S. economy, including the application of all management functions to the operation of a small business; human resources, operations, financial, risk and growth. 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.

Term:

Offered Both Fall and Spring

- **MGT-322 Managing Diversity in the Workplace**

Prerequisites:

MGT 317 or instructor's consent, and junior standing

Credits:

3.00

Description:

This course explores multicultural diversity in business organizations. In order to learn to effectively manage diversity in the workplace, it is first necessary to become familiar with the concepts and dynamics that underlie many of the organizational issues associated with increased diversity in the workplace. Thus, this course is structured to first study topics such as identity, perception, socialization, stereotyping, and prejudice. With these concepts as a foundation, we will explore the opportunities and challenges created by diversity in the workplace. We will consider issues and dynamics that arise in the workplace as a result of diversity in terms of gender, race, national origin, sexual orientation, and religion. After developing a rich understanding of workplace diversity dynamics, we will consider actions that individuals and organizations can take to address the opportunities and challenges inherent in a diverse workforce to gain competitive advantage. .

Term:

Offered Both Fall and Spring

- **MGT-330 Interpersonal Effectiveness**

Prerequisites:

SBS 101 and Junior standing

Credits:

3.00

Description:

This course provides students with knowledge of and skills in interpersonal effectiveness. The course is designed to convey the importance of interpersonal skills in today's business climate. Students learn and develop interpersonal skills commonly required of supervisors/managers.

Term:

Offered Both Fall and Spring

- **MGT-401 Negotiations**

Prerequisites:

MGT 317 and 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

- **MGT-510 Independent Study**

Prerequisites:

Junior standing and instructor's consent

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

- **MGT-520 Management Internship**

Prerequisites:

MGT-317, Management Major, Junior or Senior Standing, GPA 3.0 or higher, Instructor's permission. Cannot take this course with any other internship course.

Credits:

3.00

Description:

MGT 520 is an internship course which offers students the opportunity to apply knowledge and skills acquired in management courses to a valuable work experience outside the University. Interns practice using management principles in a carefully selected real world work situation under the direction of a faculty member, while completing academic requirements intended to integrate theory and practice. Students can also use the internship to explore career interests. Sometimes building a relationship with an employer during an internship can lead to a job offer during school or after graduation.

Term:

Offered Both Fall and Spring

- **ENT-352 Green and Sustainable Business**

Prerequisites:

Junior Standing

Credits:

3.00

Term:

Offered Spring Term

- **ENT-354 Global Entrepreneurship**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Do you want to know how to take advantage of our global economy? This course will leverage the knowledge acquired from other entrepreneurship and global courses coupled with an overview of the global economy every entrepreneur must compete in and how to transition your business models into real world opportunities. This course will discuss the entrepreneurial process from concept to product feasibility to venture launch answering the following question: How and when should an entrepreneur plan on competing in a global market?

Term:

Offered Both Fall and Spring

- **ENT-358 Launching New Products**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course will focus on the steps that innovators/entrepreneurs need to follow that will take ideas and launch them into new products. This is accomplished by taking the concept directly to the prospective customers. This course will cover: creating specifications, product sell sheets, prototype development, drafting an executive summary, intellectual property protection, manufacturing and quality control considerations, identifying vendors, customers, and funding sources, and developing a marketing and sales plan for launching the product. During the semester, students will be required to interact with their potential customers, vendors and other key players for the launch.

Term:

Offered Both Fall and Spring

- **ENT-360 Launching the E-Business**

Prerequisites:

Take MKT-210 or MKT-H210 and junior standing required.

Credits:

3.00

Description:

This experiential course is an entrepreneurial approach towards developing a real e-commerce business. Students will build off their marketing skills and entrepreneurial ambitions by a) advancing e-commerce ideas to opportunities, b) understanding the product, logistical, marketing, and managerial challenges associated with e-commerce startups, and c) developing financial models to predict and measure performance. This will be accomplished by students developing a launch plan for the opportunity, as well as executing portions of the launch plan.

Term:

Occasional

- **ENT-436 Managing the Family Business**

Prerequisites:

MGT-317, Junior standing,

Credits:

3.00

Description:

Are you interested in managing the family business and the challenges of succession between generations? If so, this course focuses on the challenges of adapting corporate-type managerial skills to family-owned and operated enterprises that typically reject such practices. The goals of this course include development of a working knowledge of managing the family business, reinterpretation of corporate management concepts for the family business, and personal reflection on the roles and conditions of operating a family business.

Term:

Offered Spring Term

- **ISOM-301 Business Analysis for Management**

Prerequisites:

Take MGT-317 and junior status

Credits:

3.00

Description:

This course provides students with exposure to the business analysis models and techniques generally applicable to common business problems. Using the case study method, the course will emphasize analytical models including forecasting, optimization and simulation within the context of team-based work. Students will understand the process of Business Analysis (BA), the role of assumptions and elicitation, the critical value of hard analytical skills as the foundation of BA as well as the importance of interpretation, communication and implementation to the effective use of BA.

• ISOM-341 Project Management**Prerequisites:**

ISOM 310, Junior standing

Credits:

3.00

Description:

Project management is a critical competence to business performance in contemporary organizations. This course introduces the concepts and techniques of project management, which are applicable to the development of products, services, and information systems. Topics will include project life cycles, project management tools, project process management, and project management practices. Relevant quality management concepts and tools will also be discussed.

Term:

Offered Fall Term

2013-2014 Archived Catalog Information

Management

The Management major is offered by the Management and Entrepreneurship Department. An important goal of the management curriculum is to develop the student's awareness of the types of general problems faced by managers and to promote an understanding of the concepts and tools available for solving them. The curriculum focuses on the principles and practices of planning, organizing, evaluating and decision making as they are currently being applied in profit and non-profit organizations, in the U.S. and around the world.

The highly competitive nature of business places a premium on effective communication, teamwork, leadership, and effectively managing in an international context. Our graduates pursue successful management careers in a variety of organizations; many further their studies by enrolling in MBA programs at Suffolk University or other institutions.

The management major focuses on broad managerial issues in established corporations, whether large or small. Its goal is to provide students with a flexible background that will allow them to operate effectively within this environment.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Management Minor Requirements](#)
- [Social Impact Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

Management Minor for Business Students

3 courses, 9 credits

Business students may choose to minor in general management by completing any three of the following:

- MGT-301 Managing Change

Prerequisites:

MGT-317

Credits:

3.00

Description:

Change is constant in all industries and work settings. Accordingly there is constant demand for people who can understand the need for change, make complex, strategic and realistic change plans, and lead others through a successful implementation of a planned change. This lively case-based course will focus on managerial and leadership skill-building in the areas of change management through the careful and thorough analysis of change-focused case studies. Students will be expected to conduct both individual and group-based analyses of complex business cases; including the preparation of written case analyses, active participation in case discussions, and delivery of case analyses through oral presentation.

Term:

Offered Both Fall and Spring

• MGT-302 Developing Innovation Skills

Credits:

3.00

Description:

This highly interactive and experiential course will help you to develop your creative skills for business and life success. Corporate leaders consider creativity [1] to be an essential skill. However, according to a recent Conference Board study [2], college graduates lack the creativity and innovation skills needed to succeed in the workplace. The Council on Competitiveness warns that companies that do not embrace innovation (and creativity) as a core business value will fall to global competition.[3] We will discuss meaning of life issues that will serve to clarify your thinking and help you align your values and belief-systems with what you do on a daily basis at work and throughout your life. A substantial body of evidence indicates that people tend to be more creative when working on projects that interest them, and most creative when passionately immersed in their endeavors. We will focus on enhancing creativity in the workplace to achieve defined organizational needs, to add economic value to the organization, and to create social value as well. We will also focus on helping you to understand and apply a wide array of creative processes and tools to develop your creative competencies and skills. We will use breakout groups, role plays, experiential exercises, and discussions to facilitate your learning. This course is an invitation to you to explore and define what you want to create in your life. [1] The Conference Board defines creativity/innovation as the ability to demonstrate originality, inventiveness in work, communicate new ideas to others, and integrate knowledge across disciplines. [2] Are They Ready To Work: Employers' Perspectives on the Basic Knowledge and Applied Skills of New Entrants to the 21st Century Workforce. 2006. [3] Innovate America: Thriving in a World of Challenge and Change. July, 2004. National Innovation Initiative, Council on Competitiveness.

Term:

Summer

- **MGT-313 Human Resource Management**

Prerequisites:

SOM 101, And Junior standing

Credits:

3.00

Description:

This course includes a study of the modern human resources department in industry with special emphasis on the techniques and methods of management, utilization of people, and contemporary human resource issues and problems.

Term:

Offered Fall Term

- **MGT-320 Small Business Management**

Prerequisites:

SBS101 & Junior Standing

Credits:

3.00

Description:

How do you manage the day-to-day challenges or working in a small business or starting a new venture? This case-driven course covers the role and importance of small business in the U.S. economy, including the application of all management functions to the operation of a small business; human resources, operations, financial, risk and growth. 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.

Term:

Offered Both Fall and Spring

• MGT-322 Managing Diversity in the Workplace

Prerequisites:

MGT 317 or instructor's consent, and junior standing

Credits:

3.00

Description:

This course explores multicultural diversity in business organizations. In order to learn to effectively manage diversity in the workplace, it is first necessary to become familiar with the concepts and dynamics that underlie many of the organizational issues associated with increased diversity in the workplace. Thus, this course is structured to first study topics such as identity, perception, socialization, stereotyping, and prejudice. With these concepts as a foundation, we will explore the opportunities and challenges created by diversity in the workplace. We will consider issues and dynamics that arise in the workplace as a result of diversity in terms of gender, race, national origin, sexual orientation, and religion. After developing a rich understanding of workplace diversity dynamics, we will consider actions that individuals and organizations can take to address the opportunities and challenges inherent in a diverse workforce to gain competitive advantage. .

Term:

Offered Both Fall and Spring

• MGT-330 Interpersonal Effectiveness

Prerequisites:

SBS 101 and Junior standing

Credits:

3.00

Description:

This course provides students with knowledge of and skills in interpersonal effectiveness. The course is designed to convey the importance of interpersonal skills in today's business climate. Students learn and develop interpersonal skills commonly required of supervisors/managers.

Term:

Offered Both Fall and Spring

- **MGT-331 Leadership**

Prerequisites:

MGT 317

Credits:

3.00

Description:

This course is designed to provide a fundamental understanding of the principles of leadership and the core competencies, traits and behaviors that enable effective leadership. It is an interactive, event-driven program to develop, refine and refresh leadership qualities through activities, individual assessments, coaching, research and dynamic group discussion to practice and develop individual skills. Students will examine various leadership theories, identify styles and preferences, practice conflict management and team building, feedback and expectation setting by applying classroom/real world situations to their own learning.

Term:

Offered Both Fall and Spring

- **MGT-335 Managing Across Cultures**

Prerequisites:

MGT 101

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

- **MGT-401 Negotiations**

Prerequisites:

MGT 317 and 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

- **MGT-510 Independent Study**

Prerequisites:

Junior standing and instructor's consent

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

Management Minor for College of Arts and Sciences Students

5 courses, 15 credits

In general, College of Arts and Sciences students may undertake a functional business minor when they have achieved junior standing and have completed SBS 101 Business Foundations.

After SBS 101 Business Foundations, College students are required to take MGT 317 Organizational Behavior and any 3 of the following:

- **MGT-301 Managing Change**

Prerequisites:

MGT-317

Credits:

3.00

Description:

Change is constant in all industries and work settings. Accordingly there is constant demand for people who can understand the need for change, make complex, strategic and realistic change plans, and lead others through a successful implementation of a planned change. This lively case-based course will focus on managerial and leadership skill-building in the areas of change management through the careful and thorough analysis of change-focused case studies. Students will be expected to conduct both individual and group-based analyses of complex business cases; including the preparation of written case analyses, active participation in case discussions, and delivery of case analyses through oral presentation.

Term:

Offered Both Fall and Spring

• MGT-302 Developing Innovation Skills

Credits:

3.00

Description:

This highly interactive and experiential course will help you to develop your creative skills for business and life success. Corporate leaders consider creativity [1] to be an essential skill. However, according to a recent Conference Board study [2], college graduates lack the creativity and innovation skills needed to succeed in the workplace. The Council on Competitiveness warns that companies that do not embrace innovation (and creativity) as a core business value will fall to global competition.[3] We will discuss meaning of life issues that will serve to clarify your thinking and help you align your values and belief-systems with what you do on a daily basis at work and throughout your life. A substantial body of evidence indicates that people tend to be more creative when working on projects that interest them, and most creative when passionately immersed in their endeavors. We will focus on enhancing creativity in the workplace to achieve defined organizational needs, to add economic value to the organization, and to create social value as well. We will also focus on helping you to understand and apply a wide array of creative processes and tools to develop your creative competencies and skills. We will use breakout groups, role plays, experiential exercises, and discussions to facilitate your learning. This course is an invitation to you to explore and define what you want to create in your life. [1] The Conference Board defines creativity/innovation as the ability to demonstrate originality, inventiveness in work, communicate new ideas to others, and integrate knowledge across disciplines. [2] Are They Ready To Work: Employers' Perspectives on the Basic Knowledge and Applied Skills of New Entrants to the 21st Century Workforce. 2006. [3] Innovate America: Thriving in a World of Challenge and Change. July, 2004. National Innovation Initiative, Council on Competitiveness.

Term:

Summer

• MGT-313 Human Resource Management

Prerequisites:

SOM 101, And Junior standing

Credits:

3.00

Description:

This course includes a study of the modern human resources department in industry with special emphasis on the techniques and methods of management, utilization of people, and contemporary human resource issues and problems.

Term:

Offered Fall Term

- **MGT-320 Small Business Management**

Prerequisites:

SBS101 & Junior Standing

Credits:

3.00

Description:

How do you manage the day-to-day challenges of working in a small business or starting a new venture? This case-driven course covers the role and importance of small business in the U.S. economy, including the application of all management functions to the operation of a small business; human resources, operations, financial, risk and growth. 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.

Term:

Offered Both Fall and Spring

- **MGT-322 Managing Diversity in the Workplace**

Prerequisites:

MGT 317 or instructor's consent, and junior standing

Credits:

3.00

Description:

This course explores multicultural diversity in business organizations. In order to learn to effectively manage diversity in the workplace, it is first necessary to become familiar with the concepts and dynamics that underlie many of the organizational issues associated with increased diversity in the workplace. Thus, this course is structured to first study topics such as identity, perception, socialization, stereotyping, and prejudice. With these concepts as a foundation, we will explore the opportunities and challenges created by diversity in the workplace. We will consider issues and

dynamics that arise in the workplace as a result of diversity in terms of gender, race, national origin, sexual orientation, and religion. After developing a rich understanding of workplace diversity dynamics, we will consider actions that individuals and organizations can take to address the opportunities and challenges inherent in a diverse workforce to gain competitive advantage. .

Term:

Offered Both Fall and Spring

- **MGT-330 Interpersonal Effectiveness**

Prerequisites:

SBS 101 and Junior standing

Credits:

3.00

Description:

This course provides students with knowledge of and skills in interpersonal effectiveness. The course is designed to convey the importance of interpersonal skills in today's business climate. Students learn and develop interpersonal skills commonly required of supervisors/managers.

Term:

Offered Both Fall and Spring

- **MGT-331 Leadership**

Prerequisites:

MGT 317

Credits:

3.00

Description:

This course is designed to provide a fundamental understanding of the principles of leadership and the core competencies, traits and behaviors that enable effective leadership. It is an interactive, event-driven program to develop, refine and refresh leadership qualities through activities, individual

assessments, coaching, research and dynamic group discussion to practice and develop individual skills. Students will examine various leadership theories, identify styles and preferences, practice conflict management and team building, feedback and expectation setting by applying classroom/real world situations to their own learning.

Term:

Offered Both Fall and Spring

- **MGT-335 Managing Across Cultures**

Prerequisites:

MGT 101

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

- **MGT-401 Negotiations**

Prerequisites:

MGT 317 and 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

- **MGT-510 Independent Study**

Prerequisites:

Junior standing and instructor's consent

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

2013-2014 Archived Catalog Information

Management

The Management major is offered by the Management and Entrepreneurship Department. An important goal of the management curriculum is to develop the student's awareness of the types of general problems faced by managers and to promote an understanding of the concepts and tools available for solving them. The curriculum focuses on the principles and practices of planning, organizing, evaluating and decision making as they are currently being applied in profit and non-profit organizations, in the U.S. and around the world.

The highly competitive nature of business places a premium on effective communication, teamwork, leadership, and effectively managing in an international context. Our graduates pursue successful management careers in a variety of organizations; many further their studies by enrolling in MBA programs at Suffolk University or other institutions.

The management major focuses on broad managerial issues in established corporations, whether large or small. Its goal is to provide students with a flexible background that will allow them to operate effectively within this environment.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Management Minor Requirements](#)
- [Social Impact Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

Social Impact Minor

The social impact minor provides students with a multidisciplinary approach to understanding the theory and practice of enacting social change. The minor is very hands-on--all required classes expect students to initiate, launch, & evaluate a social change effort.

Social Impact Minor for Business Students

Required Courses:

- **ENT-350 Social Entrepreneurship**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Social entrepreneurs are people who harness their energy, talent and commitment to make the world a more humane, safe and just place. This is accomplished by applying vision, passion, persistence and leadership to the creation of businesses that are focused on a mission of social responsibility. While the social mission is important, so is the fact that the business funding the mission must be sustainable via revenue generation, market need, and operational efficiency. Creating balance between business effectiveness and serving the needs of the community the business is dedicate to helping, provides a unique challenge to social entrepreneurship to stay entrepreneurial in terms of the business model, thus providing the necessary resources to the social mission.

Term:

Offered Fall Term

- **MGT-301 Managing Change**

Prerequisites:

MGT-317

Credits:

3.00

Description:

Change is constant in all industries and work settings. Accordingly there is constant demand for people who can understand the need for change, make complex, strategic and realistic change plans, and lead others through a successful implementation of a planned change. This lively case-based course will focus on managerial and leadership skill-building in the areas of change management through the careful and thorough analysis of change-focused case studies. Students will be expected to conduct both individual and group-based analyses of complex business cases; including the preparation of written case analyses, active participation in case discussions, and delivery of case analyses through oral presentation.

Term:

Offered Both Fall and Spring

*Mgt 317 is a prerequisite, as is junior standing for MGT 301

Choose one of the following:

- **ENT-352 Green and Sustainable Business**

Prerequisites:

Junior Standing

Credits:

3.00

Term:

Offered Spring Term

- **ENT-520 Launching the New Venture**

Prerequisites:

ENT 326 and Senior Standing

Credits:

3.00

Description:

Are you looking for guidance to launch your venture? If so, this course will allow you to earn credits through an independent study working with faculty and alumni through our Center for Entrepreneurial Studies. Students must draft a launch plan based on their business plan prepared in ENT 326, modified based on feedback received from faculty and judges during the ENT 326 presentations. Students must demonstrate enough evidence to support that the venture will be launched, as well as completing all tasks identified in the launch plan by the end of the semester to receive credit for the course. An ENT faculty member must supervise the student during the launch. The launch plan must provide evidence sufficient to support the number of credits being requested. Once the launch plan is completed, the student must attach the plan to the Independent Study request form and obtain the required approvals before the course will be opened. Maximum of 3 credits allowed.

Term:

Occasional

- **MGT-322 Managing Diversity in the Workplace**

Prerequisites:

MGT 317 or instructor's consent, and junior standing

Credits:

3.00

Description:

This course explores multicultural diversity in business organizations. In order to learn to effectively manage diversity in the workplace, it is first necessary to become familiar with the concepts and dynamics that underlie many of the organizational issues associated with increased diversity in the workplace. Thus, this course is structured to first study topics such as identity, perception, socialization, stereotyping, and prejudice. With these concepts as a foundation, we will explore the opportunities and challenges created by diversity in the workplace. We will consider issues and dynamics that arise in the workplace as a result of diversity in terms of gender, race, national origin, sexual orientation, and religion. After developing a rich understanding of workplace diversity dynamics, we will consider actions that individuals and organizations can take to address the opportunities and challenges inherent in a diverse workforce to gain competitive advantage. .

Term:

Offered Both Fall and Spring

- **MGT-331 Leadership**

Prerequisites:

MGT 317

Credits:

3.00

Description:

This course is designed to provide a fundamental understanding of the principles of leadership and the core competencies, traits and behaviors that enable effective leadership. It is an interactive, event-driven program to develop, refine and refresh leadership qualities through activities, individual

assessments, coaching, research and dynamic group discussion to practice and develop individual skills. Students will examine various leadership theories, identify styles and preferences, practice conflict management and team building, feedback and expectation setting by applying classroom/real world situations to their own learning.

Term:

Offered Both Fall and Spring

- **MGT-335 Managing Across Cultures**

Prerequisites:

MGT 101

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

- **MGT-401 Negotiations**

Prerequisites:

MGT 317 and 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

- **MGT-520 Management Internship**

Prerequisites:

MGT-317, Management Major, Junior or Senior Standing, GPA 3.0 or higher, Instructor's permission. Cannot take this course with any other internship course.

Credits:

3.00

Description:

MGT 520 is an internship course which offers students the opportunity to apply knowledge and skills acquired in management courses to a valuable work experience outside the University. Interns practice using management principles in a carefully selected real world work situation under the direction of a faculty member, while completing academic requirements intended to integrate theory and practice. Students can also use the internship to explore career interests. Sometimes building a relationship with an employer during an internship can lead to a job offer during school or after graduation.

Term:

Offered Both Fall and Spring

- **P.AD-362 Global Health, Poverty & Warming**

Prerequisites:

Take MGT-101;

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.

- **SIB-550 Special Topics in Strategy and International Business**

Credits:

3.00

Description:

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

*Or students can take a SOULS sponsored travel seminar for credit (e.g., Alternate Spring Break).

Social Impact Minor for College of Arts and Sciences Students

Required Courses:

- **SIB-101 Globalization**

Credits:

3.00

Description:

This course introduces the nature and processes of globalization which define today's international business environment. The course employs a multidisciplinary perspective to explore the growing interdependence of nations in their trade, investment, technology flows, and business operations. Topic include business, geographic, economic, social, cultural, political, and other issues related to globalization. The course is experiential in its approach. Students will undertake a team research project exploring globalization issues with reference to a particular country, region or industry.

Term:

Offered Both Fall and Spring

• ENT-350 Social Entrepreneurship

Prerequisites:

Junior Standing

Credits:

3.00

Description:

Social entrepreneurs are people who harness their energy, talent and commitment to make the world a more humane, safe and just place. This is accomplished by applying vision, passion, persistence and leadership to the creation of businesses that are focused on a mission of social responsibility. While the social mission is important, so is the fact that the business funding the mission must be sustainable via revenue generation, market need, and operational efficiency. Creating balance between business effectiveness and serving the needs of the community the business is dedicate to helping, provides a unique challenge to social entrepreneurship to stay entrepreneurial in terms of the business model, thus providing the necessary resources to the social mission.

Term:

Offered Fall Term

• MGT-317 Organizational Behavior

Prerequisites:

ENG 102; SBS 101; must have completed 45 credits

Credits:

3.00

Description:

This course explores the application of sociological, psychological and anthropological concepts in domestic and international business settings. Attention is given to the study of human behavior in organizational settings, the organization itself, human interaction, and small group process.

Term:

Offered Both Fall and Spring

- **MGT-301 Managing Change**

Prerequisites:

MGT-317

Credits:

3.00

Description:

Change is constant in all industries and work settings. Accordingly there is constant demand for people who can understand the need for change, make complex, strategic and realistic change plans, and lead others through a successful implementation of a planned change. This lively case-based course will focus on managerial and leadership skill-building in the areas of change management through the careful and thorough analysis of change-focused case studies. Students will be expected to conduct both individual and group-based analyses of complex business cases; including the preparation of written case analyses, active participation in case discussions, and delivery of case analyses through oral presentation.

Term:

Offered Both Fall and Spring

*MGT-317 is a prerequisite for MGT-301

Choose one of the following:

- **ENT-352 Green and Sustainable Business**

Prerequisites:

Junior Standing

Credits:

3.00

Term:

Offered Spring Term

- **ENT-520 Launching the New Venture**

Prerequisites:

ENT 326 and Senior Standing

Credits:

3.00

Description:

Are you looking for guidance to launch your venture? If so, this course will allow you to earn credits through an independent study working with faculty and alumni through our Center for Entrepreneurial Studies. Students must draft a launch plan based on their business plan prepared in ENT 326, modified based on feedback received from faculty and judges during the ENT 326 presentations. Students must demonstrate enough evidence to support that the venture will be launched, as well as completing all tasks identified in the launch plan by the end of the semester to receive credit for the course. An ENT faculty member must supervise the student during the launch. The launch plan must provide evidence sufficient to support the number of credits being requested. Once the launch plan is completed, the student must attach the plan to the Independent Study request form and obtain the required approvals before the course will be opened. Maximum of 3 credits allowed.

Term:

Occasional

- **MGT-322 Managing Diversity in the Workplace**

Prerequisites:

MGT 317 or instructor's consent, and junior standing

Credits:

3.00

Description:

This course explores multicultural diversity in business organizations. In order to learn to effectively manage diversity in the workplace, it is first necessary to become familiar with the concepts and dynamics that underlie many of the organizational issues associated with increased diversity in the workplace. Thus, this course is structured to first study topics such as identity, perception, socialization, stereotyping, and prejudice. With these concepts as a foundation, we will explore the opportunities and challenges created by diversity in the workplace. We will consider issues and

dynamics that arise in the workplace as a result of diversity in terms of gender, race, national origin, sexual orientation, and religion. After developing a rich understanding of workplace diversity dynamics, we will consider actions that individuals and organizations can take to address the opportunities and challenges inherent in a diverse workforce to gain competitive advantage. .

Term:

Offered Both Fall and Spring

- **MGT-331 Leadership**

Prerequisites:

MGT 317

Credits:

3.00

Description:

This course is designed to provide a fundamental understanding of the principles of leadership and the core competencies, traits and behaviors that enable effective leadership. It is an interactive, event-driven program to develop, refine and refresh leadership qualities through activities, individual assessments, coaching, research and dynamic group discussion to practice and develop individual skills. Students will examine various leadership theories, identify styles and preferences, practice conflict management and team building, feedback and expectation setting by applying classroom/real world situations to their own learning.

Term:

Offered Both Fall and Spring

- **MGT-335 Managing Across Cultures**

Prerequisites:

MGT 101

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

Offered Both Fall and Spring

- **MGT-401 Negotiations**

Prerequisites:

MGT 317 and 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

- **MGT-520 Management Internship**

Prerequisites:

MGT-317, Management Major, Junior or Senior Standing, GPA 3.0 or higher, Instructor's permission. Cannot take this course with any other internship course.

Credits:

3.00

Description:

MGT 520 is an internship course which offers students the opportunity to apply knowledge and skills acquired in management courses to a valuable work experience outside the University. Interns practice using management principles in a carefully selected real world work situation under the direction of a faculty member, while completing academic requirements intended to integrate theory and practice. Students can also use the internship to explore career interests. Sometimes building a relationship with an employer during an internship can lead to a job offer during school or after graduation.

Term:

Offered Both Fall and Spring

- **P.AD-362 Global Health, Poverty & Warming**

Prerequisites:

Take MGT-101;

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.

- **SIB-550 Special Topics in Strategy and International Business**

Credits:

3.00

Description:

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

*Or students can take a SOULS sponsored travel seminar for credit (e.g., Alternate Spring Break).

2013-2014 Archived Catalog Information

Management

The Management major is offered by the Management and Entrepreneurship Department. An important goal of the management curriculum is to develop the student's awareness of the types of general problems faced by managers and to promote an understanding of the concepts and tools available for solving them. The curriculum focuses on the principles and practices of planning, organizing, evaluating and decision making as they are currently being applied in profit and non-profit organizations, in the U.S. and around the world.

The highly competitive nature of business places a premium on effective communication, teamwork, leadership, and effectively managing in an international context. Our graduates pursue successful management careers in a variety of organizations; many further their studies by enrolling in MBA programs at Suffolk University or other institutions.

The management major focuses on broad managerial issues in established corporations, whether large or small. Its goal is to provide students with a flexible background that will allow them to operate effectively within this environment.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Management Minor Requirements](#)
- [Social Impact Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

- **MGT-101 Business Foundations**

Credits:

3.00

Description:

This course introduces the concepts and practices of managing profit seeking firms, as well as the challenges of managing not-for-profit and public sector organizations. Students develop an initial understanding of organizational stakeholders, the global, economic, legal, and regulatory environments, ethical challenges faced by management, and the strategic coordination of various internal functions of organizations. Students develop an integrative approach to analyzing organizations and are coached on effective presentation skill, culminating in a group presentation of a business analysis to a panel of outside managers.

- **MGT-H101 Honors-Business Foundations**

Credits:

3.00

Description:

The course provides an introduction to important concepts and practices of management. Primary focus is on profit seeking organizations, or businesses, but the course also introduces the challenges of managing in not-for-profit and public sector organizations. It also addresses the crucial intersection between the private and public sectors of society. An important component of the course provides coaching in making effective presentations; this component concludes the course, culminating in team presentations of a business analysis to a panel of outside executives.

- **MGT-200 Leadership and Social Responsibility**

Prerequisites:

Sophomore Status

Credits:

1.00

Description:

This course focuses on management challenges faced by leaders of not-for-profit organizations. Through a hands-on team project students will create innovative solutions to a specific organizational opportunity/issue and present these to a panel of external judges. Students will also create sustainability plans so their ideas have life after the course ends. Due to the experiential nature of this course, it will be taught in an intensive format.

Term:

Offered Both Fall and Spring

• MGT-301 Managing Change

Prerequisites:

MGT-317

Credits:

3.00

Description:

Change is constant in all industries and work settings. Accordingly there is constant demand for people who can understand the need for change, make complex, strategic and realistic change plans, and lead others through a successful implementation of a planned change. This lively case-based course will focus on managerial and leadership skill-building in the areas of change management through the careful and thorough analysis of change-focused case studies. Students will be expected to conduct both individual and group-based analyses of complex business cases; including the preparation of written case analyses, active participation in case discussions, and delivery of case analyses through oral presentation.

Term:

Offered Both Fall and Spring

• MGT-302 Developing Innovation Skills

Credits:

3.00

Description:

This highly interactive and experiential course will help you to develop your creative skills for business and life success. Corporate leaders consider creativity [1] to be an essential skill. However, according to a recent Conference Board study [2], college graduates lack the creativity and innovation skills needed to succeed in the workplace. The Council on Competitiveness warns that companies that do not embrace innovation (and creativity) as a core business value will fall to global competition.[3] We will discuss meaning of life issues that will serve to clarify your thinking and help you align your values and belief-systems with what you do on a daily basis at work and throughout your life. A substantial body of evidence indicates that people tend to be more creative when working on projects that interest them, and most creative when passionately immersed in their endeavors. We will focus on enhancing creativity in the workplace to achieve defined organizational needs, to add economic value to the organization, and to create social value as well. We will also focus on helping you to understand and apply a wide array of creative processes and tools to develop your creative competencies and skills. We will use breakout groups, role plays, experiential exercises, and discussions to facilitate your learning. This course is an invitation to you to explore and define what you want to create in your life. [1] The Conference Board defines creativity/innovation as the ability to demonstrate originality, inventiveness in work, communicate new ideas to others, and integrate knowledge across disciplines. [2] Are They Ready To

Work: Employers' Perspectives on the Basic Knowledge and Applied Skills of New Entrants to the 21st Century Workforce. 2006. [3] Innovate America: Thriving in a World of Challenge and Change. July, 2004. National Innovation Initiative, Council on Competitiveness.

Term:

Summer

- **MGT-H302 Honors Creativity for Business and Life Success**

Credits:

3.00

Description:

This highly interactive and experiential course will help you to develop your creative skills for business and life success. Corporate leaders consider creativity [1] to be an essential skill for the twenty-first century workforce. However, according to a recent Conference Board study [2], college graduates lack the creativity and innovation skills needed to succeed in the workplace. The Council on Competitiveness warns that companies that do not embrace innovation (and creativity) as a core business value will fall to global competition.[3] We will discuss profoundly important meaning of life issues that will serve to clarify your thinking and help you align your values and belief-systems with what you do on a daily basis at work and throughout your life. A substantial body of evidence indicates that people tend to be more creative when working on projects that interest them, and most creative when passionately immersed in their endeavors. We will focus on enhancing creativity in the workplace to achieve defined organizational needs, to add economic value to the organization, and to create social value as well. We will also focus on helping you to understand and apply a wide array of creative processes and tools to develop your creative competencies and skills. We will use breakout groups, role plays, experiential exercises, and discussions to facilitate your learning. Since we assume that your life is a work of art and you are the artist, this course is an invitation to you to explore and define what you want to create in your life. [1] The Conference Board defines creativity/innovation as the ability to demonstrate originality, inventiveness in work, communicate new ideas to others, and integrate knowledge across disciplines. [2] Are They Ready To Work: Employers' Perspectives on the Basic Knowledge and Applied Skills of New Entrants to the 21st Century Workforce. 2006. [3] Innovate America: Thriving in a World of Challenge and Change. July, 2004. Nation

Term:

Occasional

- **MGT-313 Human Resource Management**

Prerequisites:

SOM 101, And Junior standing

Credits:

3.00

Description:

This course includes a study of the modern human resources department in industry with special emphasis on the techniques and methods of management, utilization of people, and contemporary human resource issues and problems.

Term:

Offered Fall Term

- **MGT-317 Organizational Behavior**

Prerequisites:

ENG 102; SBS 101; must have completed 45 credits

Credits:

3.00

Description:

This course explores the application of sociological, psychological and anthropological concepts in domestic and international business settings. Attention is given to the study of human behavior in organizational settings, the organization itself, human interaction, and small group process.

Term:

Offered Both Fall and Spring

- **MGT-H317 Honors in Organizational Behavior**

Prerequisites:

ENG 102, SOM 101 or MGT 101, must have completed 45 credits Honors section, GPA of 3.2 or higher

Credits:

3.00

Description:

This course explores the application of sociological, psychological and anthropological concepts in domestic and international business settings. Attention is given to the study of human behavior in organizational settings, the organization itself, human interaction, and small group process.

Term:

Occasional

• **MGT-320 Small Business Management**

Prerequisites:

SBS101 & Junior Standing

Credits:

3.00

Description:

How do you manage the day-to-day challenges of working in a small business or starting a new venture? This case-driven course covers the role and importance of small business in the U.S. economy, including the application of all management functions to the operation of a small business; human resources, operations, financial, risk and growth. 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.

Term:

Offered Both Fall and Spring

• **MGT-322 Managing Diversity in the Workplace**

Prerequisites:

MGT 317 or instructor's consent, and junior standing

Credits:

3.00

Description:

This course explores multicultural diversity in business organizations. In order to learn to effectively manage diversity in the workplace, it is first necessary to become familiar with the concepts and dynamics that underlie many of the organizational issues associated with increased diversity in the workplace. Thus, this course is structured to first study topics such as identity, perception, socialization, stereotyping, and prejudice. With these concepts as a foundation, we will explore the opportunities and challenges created by diversity in the workplace. We will consider issues and dynamics that arise in the workplace as a result of diversity in terms of gender, race, national origin, sexual orientation, and religion. After developing a rich understanding of workplace diversity dynamics, we will consider actions that individuals and organizations can take to address the opportunities and challenges inherent in a diverse workforce to gain competitive advantage. .

Term:

Offered Both Fall and Spring

- **MGT-325 Career & Life Planning for Management**

Prerequisites:

SOM 101 or MGT 101 and Junior standing

Credits:

3.00

Description:

The course will provide an opportunity for students to develop self-awareness, personal skills and background knowledge necessary for successful personal life/career planning. Students will develop their own life/career plans based upon materials presented in this course. In a similar manner, attention will also be given to the careers of subordinates. This course is designed primarily for seniors; however, students with junior status may be admitted with permission of instructor.

- **MGT-330 Interpersonal Effectiveness**

Prerequisites:

SBS 101 and Junior standing

Credits:

3.00

Description:

This course provides students with knowledge of and skills in interpersonal effectiveness. The course is designed to convey the importance of interpersonal skills in today's business climate. Students learn and develop interpersonal skills commonly required of supervisors/managers.

Term:

Offered Both Fall and Spring

- **MGT-331 Leadership**

Prerequisites:

MGT 317

Credits:

3.00

Description:

This course is designed to provide a fundamental understanding of the principles of leadership and the core competencies, traits and behaviors that enable effective leadership. It is an interactive, event-driven program to develop, refine and refresh leadership qualities through activities, individual assessments, coaching, research and dynamic group discussion to practice and develop individual skills. Students will examine various leadership theories, identify styles and preferences, practice conflict management and team building, feedback and expectation setting by applying classroom/real world situations to their own learning.

Term:

Offered Both Fall and Spring

- **MGT-332 Workplace Conflict**

Credits:

1.00

Description:

Conflict in the workplace can be an opportunity for productivity and relationship building or an upsetting emotional situation which hinders organizational effectiveness. By beginning with the causes and sources of workplace conflict which include personal differences, information

deficiencies, role incompatibility, and environmental stress, this mini course will cover a collaborative and situational approach to managing workplace conflict. 1 credit.

- **MGT-333 Bldg. a Positive Organization**

Prerequisites:

MGT 317

Credits:

3.00

Description:

From store or restaurant managers to regional directors to executives of large corporations, you as a leader must learn how to create a positive work environment for your employees so that they can flourish, become resilient in the face of adversity, and achieve extraordinary performance. In this course, you will learn concepts fundamental to building a positive culture, such as social learning, reciprocity, supportive communication, and forgiveness, gratitude and compassion. These concepts will then be applied to a variety of management issues, such as building core values and mission statements, designing a standardized hiring process, creating a sustainable training and staff development program, developing onboarding experiences, enhancing organizational communication, conducting performance evaluations and critical conversations, and managing organizational change.

- **MGT-H333 Building a Positive Organization**

Prerequisites:

MGT 317 and 3.3 GPA or above.

Credits:

3.00

Description:

From store or restaurant managers to regional directors to executives of large corporations, you as a leader must learn how to create a positive work environment for your employees so that they can flourish, become resilient in the face of adversity, and achieve extraordinary performance. In this course, you will learn concepts fundamental to building a positive culture, such as social learning, reciprocity, supportive communication, and forgiveness, gratitude and compassion. These concepts will then be applied to a variety of management issues, such as building core values and mission statements, designing a standardized hiring process, creating a sustainable training and staff development program, developing onboarding

experiences, enhancing organizational communication, conducting performance evaluations and critical conversations, and managing organizational change.

- **MGT-334 Introduction to Business Analysis**

Prerequisites:

MGT 317

Credits:

3.00

Description:

This course introduces students to the core functions and skills required to be a Business Analyst, an agent of change using a systematic approach to add value within an organization. Students will learn how to understand business needs and perspectives in order to develop effective and focused solutions to problems across the Business Solutions Life Cycle, from strategy through to operational results. Using case studies and exercises, this course provides an overview of business analysis, introduces key skills such as project definition, the role of assumptions, critical analytical skills, interpretation of information, communication and implementation.

- **MGT-335 Managing Across Cultures**

Prerequisites:

MGT 101

Credits:

3.00

Description:

To what extent are our identities, ways of thinking, and behaving the products of our cultural environments? How do conceptions of motivation, leadership, decision making, negotiation, and ethics differ across cultures? How do expatriates settle abroad, and how do they re-enter the American life they are once so familiar? The purpose of this course is to examine the international context of management, specifically, the cross-cultural environment and how it shapes managers' and work organization members' experiences, roles and responsibilities.

Term:

- **MGT-360 Leadership 360 Practicum**

Prerequisites:

MGT 317.

Credits:

3.00

Description:

Leadership 360 Practicum provides a fundamental understanding of the principles of leadership and the core competencies, traits and behaviors that enable effective leadership. Students will conduct an in-depth self-examination of skills, abilities, personality, attitudes, values, and behaviors to increase self-awareness of their leadership competencies. Students will learn relevant leadership theories and introductory project management principles and techniques. They will apply leadership and project management skills in a mini-team project with a not-for-profit organization that seeks solutions to a specific challenge, leading to a project implementation plan. Students will present formally to the client; feedback to the presenters will reinforce their oral communication skills.

- **MGT-401 Negotiations**

Prerequisites:

MGT 317 and 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

- **MGT-H401 Honors Analytical Skills**

Prerequisites:

MGT-317; Junior Standing, GPA of 3.2 or higher

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:

Occasional

- **MGT-419 Senior Capstone Project Course**

Prerequisites:

SBS 101, MKT 210 or MKT310, MGT 317 and ISOM 319. Restricted to seniors.

Credits:

3.00

Description:

This capstone course allows students to integrate and apply their acquired knowledge in pro bono consulting projects under the supervision of a faculty mentor, coach and advisor. Course skills to be developed include project management, business communication, and action-oriented analysis. Students analyze real-world problems using primary and secondary research methods, identify feasible options for action, and make professional written and oral presentations to their client organization. An occasional Friday class may be required.

Term:

Offered Both Fall and Spring

• MGT-429 Strategic Management

Prerequisites:

SOM 101 or MGT 101, MKT 310, FIN 310, ISOM 319 and MGT 317

Credits:

3.00

Description:

This course covers and integrates administrative processes and decision making under uncertainty in business areas of marketing, accounting, management, finance, personnel, and production. It also focuses on strategic and policy issues from the viewpoint of senior management in both domestic and international corporations. Case discussions help develop the conceptual framework for analysis and implementation of strategy and policy decisions. Prerequisites: MGT 101 (formerly SOM 101), FIN 310, MKT 210 (formerly MKT 310), MGT 317 and ISOM 319. Restricted to seniors.

• MGT-H429 Honors Strategic Management

Prerequisites:

FIN 310;MKT 310;MGT 317;SOM 101 or MGT 101;ISOM 319; SR standing; Honors section; GPA 3.2

Credits:

3.00

Description:

Covers and integrates administrative processes and decision-making under uncertainty in business areas of marketing, accounting, management, finance, personnel, and production. It also focus- es on strategic and policy issues from the view- point of senior management in both domestic and

international corporations. Case discussions help develop the conceptual framework for analysis and implementation of strategy and policy decisions. Prerequisites: FIN 310, MKT 310, MGT 317, SOM 101 or MGT 101, ISOM 319 Senior standing; Honors section, GPA 3.2 and higher. 1 term - 3 credits.

- **MGT-510 Independent Study**

Prerequisites:

Junior standing and instructor's consent

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

- **MGT-H510 Honors Independent Study**

Prerequisites:

Junior standing and instructor's consent

Credits:

1.00- 3.00

Description:

This elective course requires a student initiated written proposal to a willing and appropriate full-time faculty member for a directed study project. Normally this is for three credits and completed during one semester. The faculty member and student must concur on a written proposal and final project. Approval by the Department Chair and the Dean is necessary prior to registration.

- **MGT-520 Management Internship**

Prerequisites:

MGT-317, Management Major, Junior or Senior Standing, GPA 3.0 or higher, Instructor's permission. Cannot take this course with any other internship course.

Credits:

3.00

Description:

MGT 520 is an internship course which offers students the opportunity to apply knowledge and skills acquired in management courses to a valuable work experience outside the University. Interns practice using management principles in a carefully selected real world work situation under the direction of a faculty member, while completing academic requirements intended to integrate theory and practice. Students can also use the internship to explore career interests. Sometimes building a relationship with an employer during an internship can lead to a job offer during school or after graduation.

Term:

Offered Both Fall and Spring

- **MGT-557 Managing Change**

Credits:

3.00

Description:

Change is constant in all industries and work settings. Accordingly there is constant demand for people who can understand the need for change, make complex, strategic and realistic change plans, and lead others through a successful implementation of a planned change. This lively case-based course will focus on managerial and leadership skill-building in the areas of change management through the careful and thorough analysis of change-focused case studies. Students will be expected to conduct both individual and group-based analyses of complex business cases; including the preparation of written case analyses, active participation in case discussions, and delivery of case analyses through oral presentation.

2013-2014 Archived Catalog Information

Management

The Management major is offered by the Management and Entrepreneurship Department. An important goal of the management curriculum is to develop the student's awareness of the types of general problems faced by managers and to promote an understanding of the concepts and tools available for solving them. The curriculum focuses on the principles and practices of planning, organizing, evaluating and decision making as they are currently being applied in profit and non-profit organizations, in the U.S. and around the world.

The highly competitive nature of business places a premium on effective communication, teamwork, leadership, and effectively managing in an international context. Our graduates pursue successful management careers in a variety of organizations; many further their studies by enrolling in MBA programs at Suffolk University or other institutions.

The management major focuses on broad managerial issues in established corporations, whether large or small. Its goal is to provide students with a flexible background that will allow them to operate effectively within this environment.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Management Minor Requirements](#)
- [Social Impact Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

Professors: Dumas, MacLean, Mazen, O'Neill, Ornstein, Webber (Chair), Zanzi

Associate Professors: Levesque

Assistant Professors: Demirkan, Huvaj, Lam, Nagy, Roussin

Executive in Residence: Stybel

Instructors: Detjen, Moker

2013-2014 Archived Catalog Information

Marketing

Marketing, a critical element of business, is about developing, sustaining, and delivering value to the consumer in a socially responsible manner. In short, marketing is meeting customer needs profitably. As globalization, rapid changes in technology, and evolving lifestyles continuously alter the specifics of marketing tasks, business strategies and tactics that worked yesterday may not work tomorrow. Consequently, our emphasis is not only to prepare students for the marketing environment of today, but also to anticipate the critical knowledge base and skills that will be effective tomorrow. Our curriculum is designed to give students a solid foundation in effective marketing thought and practices. In addition to providing knowledge about fundamental concepts and frameworks, the curriculum emphasizes written and oral communication, teamwork, leadership, and problem-solving skills to prepare students for a successful transition into a marketing career.

The Marketing Department prepares students to enter a wide variety of careers including, but not limited to, entry-level positions in client management, marketing communications, advertising, professional selling, and marketing research. We offer courses in all fundamental aspects of marketing, including Consumer Behavior, Supply Chain Management, Entrepreneurial Marketing, Sports Marketing, Services Marketing, Brand Marketing, Digital Marketing, and Global Marketing. In addition, to enhance and complement classroom learning, our majors have an opportunity to earn course credit while working as an intern in a company or nonprofit organization and by working on consulting projects with actual business clients. We also allow students to specialize in a particular area of Marketing by declaring a concentration in one of four cutting-edge fields, including Sports Marketing, Marketing Innovation and New Media, Brand Marketing, or Global Marketing.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

Marketing Major Requirements

The BSBA in Marketing major requires completion of 21 credit hours in marketing beyond the completion of MKT 210 (or MKT H210), to be completed at Suffolk University. Students may choose to specialize in one of four concentration areas; Sports Marketing, Marketing Innovation and New Media, Brand Marketing or Global Marketing. Additionally, qualifying students may elect to participate in an Honors Marketing Track.

Choosing a concentration is not required to be a Marketing major.

- **MKT-317 Consumer Behavior**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using, and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

- **MKT-318 Marketing Tools and Analysis**

Prerequisites:

MKT 210 or MKT H210 and STATS 250

Credits:

3.00

Description:

The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. Hands-on training with tools such as Excel and SPSS provides a meaningful learning experience and reinforces concepts learned in other courses in the Business School. Topics include marketing math and statistical analysis for marketing research. After taking Marketing Tools, students are well prepared to integrate analytical skills in business consulting projects used in upper level courses (MKT 319 and MKT 419). Prerequisites: MKT 210 (formerly MKT 310) and STATS 250 or STATS 240.

- **MKT-319 Marketing Research**

Prerequisites:

MKT 210 or MKT H210; STATS 250 OR STATS 240 AND MKT 318 or MKT-H318

Credits:

3.00

Description:

In this course, students explore the process and practice of research in a marketing context. The impact of research as it affects and shapes managerial decision making for organizations is a central focus. Specifically, we examine the process of designing and conducting qualitative and quantitative marketing research studies. We cover specific method-related practices that facilitate unbiased data collection, data analysis (via SPSS), interpretation of marketing research results, and presentation of such results for use by marketing managers.

- **MKT-419 Marketing Policies & Strategies**

Prerequisites:

MKT 210 or MKT H210; MKT 317 or MKT H317; MKT 318 or MKT-H318; MKT 319 OR MKT-H319 and Senior Standing

Credits:

3.00

Description:

In this capstone course, marketing majors apply lessons learned across the curricula of the Marketing Department and Sawyer School. Students test their level of marketing knowledge by working to solve challenging integrated cases for developing marketing strategy and programs. In particular, students analyze both qualitative and quantitative information, evaluate alternative courses of action, and then make strategic recommendations for resolving the issues in each case. Prerequisites: MKT 210 or MKT H210, MKT 317, MKT 318, MKT 319, and Senior Standing.

Elective Courses, 3 Courses, 9 Credits

- **MKT-313 Professional Selling**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

Students in professional selling learn many of the skills needed to prosper in a sales position. Particularly, the stages of the professional selling process are examined, as well as the role of sales in today's marketing environment. Emphasis is placed on adaptive selling techniques and developing effective interpersonal communication skills. A detailed examination of sales careers is provided.

- **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.

- **MKT-420 Marketing for Entrepreneurs**

Prerequisites:

MKT 210 or H210

Credits:

3.00

Description:

This course covers the critical role of marketing for entrepreneurs and start-up companies as they attempt to define and carve out a market for a new company, product or service. We will examine through both class discussion and case study how marketing must infiltrate the entire organization beginning with the concept, the business plan and through the early stage development phase. Moreover, we will discuss the creation of the new venture marketing plan, the budgeting and human resource allocation process and its integration into the business plan. We will also look at tactics from guerilla marketing through mass media executions, the potential ROI for both and their influence on the ultimate success of the enterprise.

- **MKT-421 Global Marketing**

Prerequisites:

TAKE MKT-210

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

- **MKT-423 Retail Strategy**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

Retail Strategy provides students with an introduction to the field of retailing. The course focuses on the retail environment, structure and strategy, the development and implementation of the retailing mix, and financial and managerial considerations. Topics include information systems for retailing, the internationalization of retailing and the growth of non-store retailing activities.

- **MKT-426 Sports Marketing**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

The purpose of the course is to develop an understanding of strategic marketing concepts and activities as they apply to the sports context. Marketing concepts and activities are examined as they relate to the marketing of sports and marketing through sports. An emphasis is placed on the international arena and issues relevant to the sports industry.

- **MKT-427 Supply Chain Management**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

The purpose of this course is to explain the function and value of marketing channels and define the major channel types. This course will also explain the elementary legal aspects of channel promotion, pricing, delivery and integration systems as well as identify channel strategies. Prerequisite: MKT 210 or MKT H210 (Formerly MKT 310) and Junior Standing. 1 term - 3 credits.

- **MKT-428 The Business of Sports and the Media**

Prerequisites:

Take MKT-210 or MKT-H210;

Credits:

3.00

Description:

The Business of Sport focuses on the multibillion-dollar global sport industry and the challenges facing today's sport business leaders. Because the business of sport is interdisciplinary in nature, insights from a variety of stakeholders in the sport industry, along with perspectives from the major business disciplines including marketing, management, finance, information technology, and ethics are integrated throughout the course. This course provides an in-depth analysis of issues specific to the business of sport. The course is designed for future sport business leaders as well as those

interested in the inner-workings of the industry. Students will apply knowledge and skills learned in core business courses to the unique issues found in the sport industry.

- **MKT-430 Sports Marketing Consulting**

Prerequisites:

Take MKT-210 or MKT-H210 and MKT-318 OR MKT-H318 or MKT-319 or MKT-H319.

Credits:

3.00

Description:

This course presents an in-depth and innovative framework for implementing relationship marketing within the sport industry. This framework includes network-and market-oriented methods and tools that enable sport organizations to design and develop products that provide targeted stakeholders with greater functional and experiential value. Sport organizations provide a wide variety of services from leadership, governance, management, development, entertainment and control to educational materials and other retail products, all of which benefit from relationship marketing principles. Because many sport organizations have adopted a relationship-marketing approach, they are necessarily network-based, operating in a system formed by numerous stakeholders. Their goals may be economic, social or environmental with the foundation of the system being the sport itself, with various bodies involved in the development of the sport. Through a consulting project with a sport organization, students will develop an understanding of the dynamics of the relationships between the different stakeholders who make up the network of the sport industry. Specifically, students will learn how sport organizations carry out their strategic actions within a network of stakeholders.

- **MKT-H432 Honors Marketing in Emerging Markets**

Prerequisites:

GPA of 3.2 or above required. Take MKT-317 or MKT-H317;

Credits:

3.00

Description:

This course focuses on cultural consumption trends both at home and abroad. In particular it compares and contrasts the emerging markets of India and China with more established Western markets. The course is organized in two self-contained modules around a theme. The first module focuses at the market level and examines what happens to the culture when East meets West. The second module analyzes the challenges companies face in

staying competitive in rapidly evolving economies. Each class in a module advances your understanding of the theme through an engaging and challenging mix of readings, assignments, and case studies. This is an intensive Honors level course and requires students to be self directed and motivated. Every class is important- there is no mid-term or final.

- **MKT-434 Services Marketing in the Global Environment**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

The course focuses on the unique challenges of managing services and delivering quality service to customers. The attrition, retention, and building of strong customer relationships through quality service (and services) are at the heart of the course content. The course is equally applicable to an organizations whose core product is service (e.g., banks, transportation companies, hotels, hospitals, educational institutions, professional services, telecommunications, sporting industry, etc.) and to organizations that depend on service excellence for competitive advantage (e.g., high technology manufacturers, automotive, industrial products, etc.).

- **MKT-440 New Product Development**

Prerequisites:

TAKE MKT-210 or MKT-H210;

Credits:

3.00

Description:

The object of this course is to familiarize students with the new product techniques that are commonly used in the consumer product and service industries. The focus will be on the marketing function's input to the new product process during the pre-launch and launch stages. The course will cover a wide range of issued such as marketing definition, concept generation and evaluation, product design, product positioning, test marketing, and product launch and tracking. The course will be based on lectures, case discussions, and project assignments. The lectures will provide an overview and cover issues included in the assigned readings. It is essential that you are familiar with the readings before every class. The case discussion

(student participation is vital here) will provide an application setting to test the concepts learned in the lectures. The project assignments are designed to give you hands-on-experience with new product development tools and techniques.

- **MKT-442 Brand Marketing**

Prerequisites:

Take MKT-210 or MKT-H210;

Credits:

3.00

Description:

Brand marketing has become an increasingly important function in organizations. The purpose of this course is to provide a thorough understanding of brand marketing principles and practices. The role of brands and branding will be examined both from a managerial and a consumer perspective. More specifically the course will present current frameworks that guide marketing managers in how to build strong brands in the marketplace. In order to build brands successfully, it is of key importance to have a profound understanding of the roles brands play in consumer culture. The course will examine how consumers make use of brands and develop brand meaning through everyday consumption practices.

- **MKT-444 Managing Social Media**

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.

• MKT-H444 Honors the Business of Digital Media

Prerequisites:

MKT-210 or MKT-H210;

Credits:

3.00

Description:

Social media is transforming the way consumers work, play, and live and no one knows this better than you- the Millennial generation. But, what does this mean for business? The focus of this course is to understand the transformation of marketing practices as new social media challenge traditional media. How do businesses use the new media to create deeper and more profitable relationships with consumers? What are the new measures and metrics for assessing marketing programs in this new environment? From 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. The course is constructed on the principle of the student as an active learner where the student takes the responsibility for their own learning and works collaboratively with peers assisting in their learning. Naturally, student projects, assignments, and other activities will use social media tools including wikis and blogs.

• MKT-446 High Tech Marketing

Prerequisites:

MKT-210 or MKT-H210;

Credits:

3.00

Description:

Marketing of high-tech technology products and innovations occur in turbulent environments, and requires rapid decision making with incomplete information and risky prospect. The fast pace of change defines the momentum of evolution in the high-technology markets. Marketing in such an environment commands knowledge about the idiosyncratic features of high-tech products, innovations, and the industries. Marketing success in high-tech industries also calls for capabilities and skills of analyzing decision problems and designing solutions. To achieve these objectives, this course is built on extensive analysis of Harvard Business School cases, class discussions of intriguing phenomena in high-tech industries, and learning-by-doing student projects that focus on real-life companies and technologies. The topics covered in this course include the following: - Characteristics of high-technology industries - Different types and characteristics of high-tech products and innovations, and their marketing implications - Organizational culture and management strategies for high-tech products and innovations - Strategic alliances in developing and marketing high-tech products and

innovations - Acquisition and understanding of market information for high-tech products and innovations - Customer adoption and diffusion of high-tech products and innovations -Market introduction strategies for high-tech products and innovations

- **MKT-477 eMarketing**

Prerequisites:

MKT 210 or 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.

- **MKT-510 Directed Study**

Prerequisites:

MKT 210 or MKT H210, instructor's consent

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

- **MKT-520 Marketing Internship**

Prerequisites:

Minimum Of 3.0 GPA; MKT 210 or MKT H210

Credits:

3.00

Description:

This course provides marketing majors or minors (junior status or higher) to apply marketing and business knowledge for problem solving in an organizational workplace setting. Students identify and organize their own internship position and particular project (depending on area of interest) with assistance from department staff, as needed. Projects will vary in scope and content and may include topics such as buyer behavior, customer satisfaction, service quality, e-marketing, and others. Students are expected to be on the job for approximately 8 hours per week during the course of the semester. Prerequisites: Minimum of 3.0 GPA; MKT 210 or MKT H210 (formerly MKT 310) AND JUNIOR STANDING and permission from instructor. 1 term - 3 credits.

- **MKT-H525 Honors Professional Marketing Consulting**

Prerequisites:

GPA of 3.2 or above required. Take MKT-319 or MKT-H319;

Credits:

3.00

Description:

This course provides qualified students with a unique opportunity to work either individually or with other qualified students, on a marketing consulting project for a professional client. Projects could include, but are not limited to the development of strategic marketing plans and marketing research projects. Students will create and deliver a professional report and presentation to the client upon completion of the semester project.

Marketing Honors Courses

Marketing honors courses offer high-achieving students a challenging, yet rewarding, curriculum and class experience. Each semester, honors Marketing elective courses are offered in addition to the required courses.

- **MKT-H317 Honors Consumer Behavior**

Prerequisites:

GPA of 3.2 or above required MKT-210 or MKT-H210

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

- **MKT-H318 Honors Marketing Tools and Analysis**

Prerequisites:

MKT-210 or MKT-H210 and STATS-250; GPA of 3.2 or higher

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. Hands-on training with tools such as Excel and SPSS provides a meaningful learning experience and reinforces concepts learned in other courses in the Business School. Topics include marketing math and statistical analysis for marketing research. After taking Marketing Tools, students are well prepared to integrate analytical skills in business consulting projects used in upper level courses (MKT 319 and MKT 419)

- **MKT-H319 Honors Marketing Research**

Prerequisites:

Take MKT 210 or MKT-H210 and STATS 250, MKT 318 or MKT-H318 and have a GPA of 3.2 or higher

Credits:

3.00

Description:

This honors course extends the learning in other MKT courses, in particular MKT 318. You will learn advanced concepts and ideas pertaining to scientific research methodology in the context of marketing applications. Topics include planning and designing research studies, qualitative inquiry, survey design, principles of measurement, sample design, and statistical data analysis. The course is heavily project based with extensive use of SPSS for statistical data analysis. The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. After taking Marketing Research, students are well prepared to design and carry out research to address business questions regarding problems and opportunities in upper level courses (MKT 419 and MGT 429)

• **MKT-H419 Honors Marketing Policies & Strategies**

Prerequisites:

GPA of 3.2 or above required; MKT 210 or MKT H210; MKT 317 or MKT-H317; MKT 318 or MKT-H318; MKT 319 OR MKT-H319; and have Senior Standing

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. In this capstone course, marketing majors apply lessons learned across the curricula of the Marketing Department and Sawyer School. Students test their level of marketing knowledge by working to solve challenging integrated cases for developing marketing strategy and programs. In particular, students analyze both qualitative and quantitative information, evaluate alternative courses of action, and then make strategic recommendations for resolving the issues in each case.

• **MKT-H432 Honors Marketing in Emerging Markets**

Prerequisites:

GPA of 3.2 or above required. Take MKT-317 or MKT-H317;

Credits:

3.00

Description:

This course focuses on cultural consumption trends both at home and abroad. In particular it compares and contrasts the emerging markets of India and China with more established Western markets. The course is organized in two self-contained modules around a theme. The first module focuses at the market level and examines what happens to the culture when East meets West. The second module analyzes the challenges companies face in staying competitive in rapidly evolving economies. Each class in a module advances your understanding of the theme through an engaging and challenging mix of readings, assignments, and case studies. This is an intensive Honors level course and requires students to be self directed and motivated. Every class is important- there is no mid-term or final.

- **MKT-H444 Honors the Business of Digital Media**

Prerequisites:

MKT-210 or MKT-H210;

Credits:

3.00

Description:

Social media is transforming the way consumers work, play, and live and no one knows this better than you- the Millennial generation. But, what does this mean for business? The focus of this course is to understand the transformation of marketing practices as new social media challenge traditional media. How do businesses use the new media to create deeper and more profitable relationships with consumers? What are the new measures and metrics for assessing marketing programs in this new environment? From 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. The course is constructed on the principle of the student as an active learner where the student takes the responsibility for their own learning and works collaboratively with peers assisting in their learning. Naturally, student projects, assignments, and other activities will use social media tools including wikis and blogs.

- **MKT-H524 Global Marketing Consulting**

Prerequisites:

MKT-210

Credits:

3.00

Description:

This course offers global consulting experience with international corporate partners. Teams of Suffolk Business students work on strategic consulting projects that feature global marketing challenges (e.g., market entry decisions, consumer research, distribution channel analysis and other marketing strategy issues). At the end of the semester, students will finalize the projects and report to the business clients.

- **MKT-H525 Honors Professional Marketing Consulting**

Prerequisites:

GPA of 3.2 or above required. Take MKT-319 or MKT-H319;

Credits:

3.00

Description:

This course provides qualified students with a unique opportunity to work either individually or with other qualified students, on a marketing consulting project for a professional client. Projects could include, but are not limited to the development of strategic marketing plans and marketing research projects. Students will create and deliver a professional report and presentation to the client upon completion of the semester project.

Marketing Honors Track

The Marketing honors track requires a GPA of 3.2 or higher, and the completion of either option 1 or 2. The Marketing Honors Track has two options.

OPTION 1

Required: H317, H318, H319, & H419

Recommended: Take additional marketing honors electives to enhance the honors experience.

OPTION 2

Required: Take any five Marketing Honors Courses

Marketing Concentrations

Students have the option to choose one of the following Marketing concentrations; however, choosing a marketing concentration is not required.

Marketing majors who choose to specialize in one of five concentrations are required to complete the Marketing Major requirements; MKT 317, MKT 318, MKT 319 and MKT 419, as well as follow the instructions below for their area of personal interest.

1. Sports Marketing (Complete all three)

- **MKT-426 Sports Marketing**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

The purpose of the course is to develop an understanding of strategic marketing concepts and activities as they apply to the sports context. Marketing concepts and activities are examined as they relate to the marketing of sports and marketing through sports. An emphasis is placed on the international arena and issues relevant to the sports industry.

- **MKT-428 The Business of Sports and the Media**

Prerequisites:

Take MKT-210 or MKT-H210;

Credits:

3.00

Description:

The Business of Sport focuses on the multibillion-dollar global sport industry and the challenges facing today's sport business leaders. Because the business of sport is interdisciplinary in nature, insights from a variety of stakeholders in the sport industry, along with perspectives from the major business disciplines including marketing, management, finance, information technology, and ethics are integrated throughout the course. This course provides an in-depth analysis of issues specific to the business of sport. The course is designed for future sport business leaders as well as those interested in the inner-workings of the industry. Students will apply knowledge and skills learned in core business courses to the unique issues found in the sport industry.

- **MKT-430 Sports Marketing Consulting**

Prerequisites:

Take MKT-210 or MKT-H210 and MKT-318 OR MKT-H318 or MKT-319 or MKT-H319.

Credits:

3.00

Description:

This course presents an in-depth and innovative framework for implementing relationship marketing within the sport industry. This framework includes network-and market-oriented methods and tools that enable sport organizations to design and develop products that provide targeted stakeholders with greater functional and experiential value. Sport organizations provide a wide variety of services from leadership, governance, management, development, entertainment and control to educational materials and other retail products, all of which benefit from relationship marketing principles. Because many sport organizations have adopted a relationship-marketing approach, they are necessarily network-based, operating in a system formed by numerous stakeholders. Their goals may be economic, social or environmental with the foundation of the system being the sport itself, with various bodies involved in the development of the sport. Through a consulting project with a sport organization, students will develop an understanding of the dynamics of the relationships between the different stakeholders who make up the network of the sport industry. Specifically, students will learn how sport organizations carry out their strategic actions within a network of stakeholders.

2. **Marketing Innovation and New Media (Complete all three)**

- **MKT-440 New Product Development**

Prerequisites:

TAKE MKT-210 or MKT-H210;

Credits:

3.00

Description:

The object of this course is to familiarize students with the new product techniques that are commonly used in the consumer product and service industries. The focus will be on the marketing function's input to the new product process during the pre-launch and launch stages. The course will cover a wide range of issues such as marketing definition, concept generation and evaluation, product design, product positioning, test marketing, and product launch and tracking. The course will be based on lectures, case discussions, and project assignments. The lectures will provide an overview and cover issues included in the assigned readings. It is essential that you are familiar with the readings before every class. The case discussion

(student participation is vital here) will provide an application setting to test the concepts learned in the lectures. The project assignments are designed to give you hands-on-experience with new product development tools and techniques.

- **MKT-444 Managing Social Media**

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.

- **MKT-446 High Tech Marketing**

Prerequisites:

MKT-210 or MKT-H210;

Credits:

3.00

Description:

Marketing of high-tech technology products and innovations occur in turbulent environments, and requires rapid decision making with incomplete information and risky prospect. The fast pace of change defines the momentum of evolution in the high-technology markets. Marketing in such an environment commands knowledge about the idiosyncratic features of high-tech products, innovations, and the industries. Marketing success in high-tech industries also calls for capabilities and skills of analyzing decision problems and designing solutions. To achieve these objectives, this course is built on extensive analysis of Harvard Business School cases, class discussions of intriguing phenomena in high-tech industries, and learning-by-doing student projects that focus on real-life companies and technologies. The topics covered in this course include the following: - Characteristics of high-technology industries - Different types and characteristics of high-tech products and innovations, and their marketing implications - Organizational

culture and management strategies for high-tech products and innovations - Strategic alliances in developing and marketing high-tech products and innovations - Acquisition and understanding of market information for high-tech products and innovations - Customer adoption and diffusion of high-tech products and innovations -Market introduction strategies for high-tech products and innovations

- **MKT-477 eMarketing**

Prerequisites:

MKT 210 or 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.

3. Brand Marketing (Choose three)

- **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.

- **MKT-423 Retail Strategy**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

Retail Strategy provides students with an introduction to the field of retailing. The course focuses on the retail environment, structure and strategy, the development and implementation of the retailing mix, and financial and managerial considerations. Topics include information systems for retailing, the internationalization of retailing and the growth of non-store retailing activities.

- **MKT-442 Brand Marketing**

Prerequisites:

Take MKT-210 or MKT-H210;

Credits:

3.00

Description:

Brand marketing has become an increasingly important function in organizations. The purpose of this course is to provide a thorough understanding of brand marketing principles and practices. The role of brands and branding will be examined both from a managerial and a consumer perspective. More specifically the course will present current frameworks that guide marketing managers in how to build strong brands in the marketplace. In order to build brands successfully, it is of key importance to have a profound understanding of the roles brands play in consumer culture. The course will examine how consumers make use of brands and develop brand meaning through everyday consumption practices.

- **MKT-444 Managing Social Media**

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.

4. Global Marketing (Complete all three)

- **MKT-421 Global Marketing**

Prerequisites:

TAKE MKT-210

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

- **MKT-H432 Honors Marketing in Emerging Markets**

Prerequisites:

GPA of 3.2 or above required. Take MKT-317 or MKT-H317;

Credits:

3.00

Description:

This course focuses on cultural consumption trends both at home and abroad. In particular it compares and contrasts the emerging markets of India and China with more established Western markets. The course is organized in two self-contained modules around a theme. The first module focuses at the market level and examines what happens to the culture when East meets West. The second module analyzes the challenges companies face in staying competitive in rapidly evolving economies. Each class in a module advances your understanding of the theme through an engaging and challenging mix of readings, assignments, and case studies. This is an intensive Honors level course and requires students to be self directed and motivated. Every class is important- there is no mid-term or final.

- **MKT-434 Services Marketing in the Global Environment**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

The course focuses on the unique challenges of managing services and delivering quality service to customers. The attrition, retention, and building of strong customer relationships through quality service (and services) are at the heart of the course content. The course is equally applicable to an organizations whose core product is service (e.g., banks, transportation companies, hotels, hospitals, educational institutions, professional services, telecommunications, sporting industry, etc.) and to organizations that depend on service excellence for competitive advantage (e.g., high technology manufacturers, automotive, industrial products, etc.).

- **MKT-H525 Honors Professional Marketing Consulting**

Prerequisites:

GPA of 3.2 or above required. Take MKT-319 or MKT-H319;

Credits:

3.00

Description:

This course provides qualified students with a unique opportunity to work either individually or with other qualified students, on a marketing consulting project for a professional client. Projects could include, but are not limited to the development of strategic marketing plans and marketing research projects. Students will create and deliver a professional report and presentation to the client upon completion of the semester project.

5. Marketing Consulting (Complete all three)

This is an honors concentration. Completion requires a GPA of 3.2 or higher.

- **MKT-430 Sports Marketing Consulting**

Prerequisites:

Take MKT-210 or MKT-H210 and MKT-318 OR MKT-H318 or MKT-319 or MKT-H319.

Credits:

3.00

Description:

This course presents an in-depth and innovative framework for implementing relationship marketing within the sport industry. This framework includes network-and market-oriented methods and tools that enable sport organizations to design and develop products that provide targeted stakeholders with greater functional and experiential value. Sport organizations provide a wide variety of services from leadership, governance, management, development, entertainment and control to educational materials and other retail products, all of which benefit from relationship marketing principles. Because many sport organizations have adopted a relationship-marketing approach, they are necessarily network-based, operating in a system formed by numerous stakeholders. Their goals may be economic, social or environmental with the foundation of the system being the sport itself, with various bodies involved in the development of the sport. Through a consulting project with a sport organization, students will develop an understanding of the dynamics of the relationships between the different stakeholders who make up the network of the sport industry. Specifically, students will learn how sport organizations carry out their strategic actions within a network of stakeholders.

- **MKT-524 Global Marketing Consulting**

Prerequisites:

MKT-210

Credits:

3.00

Description:

This course offers global consulting experience with international corporate partners. Teams of Suffolk Business students work on strategic consulting projects that feature global marketing challenges (e.g., market entry decisions, consumer research, distribution channel analysis and other marketing

strategy issues). At the end of the semester, students will finalize the projects and report to the business clients.

- **MKT-H525 Honors Professional Marketing Consulting**

Prerequisites:

GPA of 3.2 or above required. Take MKT-319 or MKT-H319;

Credits:

3.00

Description:

This course provides qualified students with a unique opportunity to work either individually or with other qualified students, on a marketing consulting project for a professional client. Projects could include, but are not limited to the development of strategic marketing plans and marketing research projects. Students will create and deliver a professional report and presentation to the client upon completion of the semester project.

Again, choosing a concentration is not required to be a Marketing major. It is an option for students who would like to specialize in a particular area.

2013-2014 Archived Catalog Information

Marketing

Marketing, a critical element of business, is about developing, sustaining, and delivering value to the consumer in a socially responsible manner. In short, marketing is meeting customer needs profitably. As globalization, rapid changes in technology, and evolving lifestyles continuously alter the specifics of marketing tasks, business strategies and tactics that worked yesterday may not work tomorrow. Consequently, our emphasis is not only to prepare students for the marketing environment of today, but also to anticipate the critical knowledge base and skills that will be effective tomorrow. Our curriculum is designed to give students a solid foundation in effective marketing thought and practices. In addition to providing knowledge about fundamental concepts and frameworks, the curriculum emphasizes written and oral communication, teamwork, leadership, and problem-solving skills to prepare students for a successful transition into a marketing career.

The Marketing Department prepares students to enter a wide variety of careers including, but not limited to, entry-level positions in client management, marketing communications, advertising, professional selling, and marketing research. We offer courses in all fundamental aspects of marketing, including Consumer Behavior, Supply Chain Management, Entrepreneurial Marketing, Sports Marketing, Services Marketing, Brand Marketing, Digital Marketing, and Global Marketing. In addition, to enhance and complement classroom learning, our majors have an opportunity to earn course credit while working as an intern in a company or nonprofit organization and by working on consulting projects with actual business clients. We also allow students to specialize in a particular area of Marketing by declaring a concentration in one of four cutting-edge fields, including Sports Marketing, Marketing Innovation and New Media, Brand Marketing, or Global Marketing.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

Marketing Minor for Business Students, 3 courses, 9 credits

A student may choose to minor in Marketing by completing any three of the following courses, beyond the completion of MKT 210 or MKT H210:

- MKT-313 Professional Selling

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

Students in professional selling learn many of the skills needed to prosper in a sales position. Particularly, the stages of the professional selling process are examined, as well as the role of sales in today's marketing environment. Emphasis is placed on adaptive selling techniques and developing effective interpersonal communication skills. A detailed examination of sales careers is provided.

- **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.

- **MKT-317 Consumer Behavior**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using, and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

- **MKT-H317 Honors Consumer Behavior**

Prerequisites:

GPA of 3.2 or above required MKT-210 or MKT-H210

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

- **MKT-318 Marketing Tools and Analysis**

Prerequisites:

MKT 210 or MKT H210 and STATS 250

Credits:

3.00

Description:

The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. Hands-on training with tools such as Excel and SPSS provides a meaningful learning experience and reinforces concepts learned in other courses in the Business School. Topics include marketing math and statistical analysis for marketing research. After taking Marketing Tools, students are well

prepared to integrate analytical skills in business consulting projects used in upper level courses (MKT 319 and MKT 419). Prerequisites: MKT 210 (formerly MKT 310) and STATS 250 or STATS 240.

- **MKT-H318 Honors Marketing Tools and Analysis**

Prerequisites:

MKT-210 or MKT-H210 and STATS-250; GPA of 3.2 or higher

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. Hands-on training with tools such as Excel and SPSS provides a meaningful learning experience and reinforces concepts learned in other courses in the Business School. Topics include marketing math and statistical analysis for marketing research. After taking Marketing Tools, students are well prepared to integrate analytical skills in business consulting projects used in upper level courses (MKT 319 and MKT 419)

- **MKT-319 Marketing Research**

Prerequisites:

MKT 210 or MKT H210; STATS 250 OR STATS 240 AND MKT 318 or MKT-H318

Credits:

3.00

Description:

In this course, students explore the process and practice of research in a marketing context. The impact of research as it affects and shapes managerial decision making for organizations is a central focus. Specifically, we examine the process of designing and conducting qualitative and quantitative marketing research studies. We cover specific method-related practices that facilitate unbiased data collection, data analysis (via SPSS), interpretation of marketing research results, and presentation of such results for use by marketing managers.

- **MKT-H319 Honors Marketing Research**

Prerequisites:

Take MKT 210 or MKT-H210 and STATS 250, MKT 318 or MKT-H318 and have a GPA of 3.2 or higher

Credits:

3.00

Description:

This honors course extends the learning in other MKT courses, in particular MKT 318. You will learn advanced concepts and ideas pertaining to scientific research methodology in the context of marketing applications. Topics include planning and designing research studies, qualitative inquiry, survey design, principles of measurement, sample design, and statistical data analysis. The course is heavily project based with extensive use of SPSS for statistical data analysis. The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. After taking Marketing Research, students are well prepared to design and carry out research to address business questions regarding problems and opportunities in upper level courses (MKT 419 and MGT 429)

- **MKT-420 Marketing for Entrepreneurs**

Prerequisites:

MKT 210 or H210

Credits:

3.00

Description:

This course covers the critical role of marketing for entrepreneurs and start-up companies as they attempt to define and carve out a market for a new company, product or service. We will examine through both class discussion and case study how marketing must infiltrate the entire organization beginning with the concept, the business plan and through the early stage development phase. Moreover, we will discuss the creation of the new venture marketing plan, the budgeting and human resource allocation process and its integration into the business plan. We will also look at tactics from guerilla marketing through mass media executions, the potential ROI for both and their influence on the ultimate success of the enterprise.

- **MKT-421 Global Marketing**

Prerequisites:

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

- **MKT-423 Retail Strategy**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

Retail Strategy provides students with an introduction to the field of retailing. The course focuses on the retail environment, structure and strategy, the development and implementation of the retailing mix, and financial and managerial considerations. Topics include information systems for retailing, the internationalization of retailing and the growth of non-store retailing activities.

- **MKT-426 Sports Marketing**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

The purpose of the course is to develop an understanding of strategic marketing concepts and activities as they apply to the sports context. Marketing concepts and activities are examined as they relate to the marketing of sports and marketing through sports. An emphasis is placed on the international arena and issues relevant to the sports industry.

- **MKT-427 Supply Chain Management**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

The purpose of this course is to explain the function and value of marketing channels and define the major channel types. This course will also explain the elementary legal aspects of channel promotion, pricing, delivery and integration systems as well as identify channel strategies. Prerequisite: MKT 210 or MKT H210 (Formerly MKT 310) and Junior Standing. 1 term - 3 credits.

- **MKT-428 The Business of Sports and the Media**

Prerequisites:

Take MKT-210 or MKT-H210;

Credits:

3.00

Description:

The Business of Sport focuses on the multibillion-dollar global sport industry and the challenges facing today's sport business leaders. Because the business of sport is interdisciplinary in nature, insights from a variety of stakeholders in the sport industry, along with perspectives from the major business disciplines including marketing, management, finance, information technology, and ethics are integrated throughout the course. This course provides an in-depth analysis of issues specific to the business of sport. The course is designed for future sport business leaders as well as those interested in the inner-workings of the industry. Students will apply knowledge and skills learned in core business courses to the unique issues found in the sport industry.

- **MKT-430 Sports Marketing Consulting**

Prerequisites:

Take MKT-210 or MKT-H210 and MKT-318 OR MKT-H318 or MKT-319 or MKT-H319.

Credits:

3.00

Description:

This course presents an in-depth and innovative framework for implementing relationship marketing within the sport industry. This framework includes network-and market-oriented methods and tools that enable sport organizations to design and develop products that provide targeted stakeholders with greater functional and experiential value. Sport organizations provide a wide variety of services from leadership, governance, management, development, entertainment and control to educational materials and other retail products, all of which benefit from relationship marketing principles. Because many sport organizations have adopted a relationship-marketing approach, they are necessarily network-based, operating in a system formed by numerous stakeholders. Their goals may be economic, social or environmental with the foundation of the system being the sport itself, with various bodies involved in the development of the sport. Through a consulting project with a sport organization, students will develop an understanding of the dynamics of the relationships between the different stakeholders who make up the network of the sport industry. Specifically, students will learn how sport organizations carry out their strategic actions within a network of stakeholders.

- **MKT-H432 Honors Marketing in Emerging Markets**

Prerequisites:

GPA of 3.2 or above required. Take MKT-317 or MKT-H317;

Credits:

3.00

Description:

This course focuses on cultural consumption trends both at home and abroad. In particular it compares and contrasts the emerging markets of India and China with more established Western markets. The course is organized in two self-contained modules around a theme. The first module focuses at the market level and examines what happens to the culture when East meets West. The second module analyzes the challenges companies face in staying competitive in rapidly evolving economies. Each class in a module advances your understanding of the theme through an engaging and challenging mix of readings, assignments, and case studies. This is an intensive Honors level course and requires students to be self directed and motivated. Every class is important- there is no mid-term or final.

• MKT-434 Services Marketing in the Global Environment

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

The course focuses on the unique challenges of managing services and delivering quality service to customers. The attrition, retention, and building of strong customer relationships through quality service (and services) are at the heart of the course content. The course is equally applicable to an organizations whose core product is service (e.g., banks, transportation companies, hotels, hospitals, educational institutions, professional services, telecommunications, sporting industry, etc.) and to organizations that depend on service excellence for competitive advantage (e.g., high technology manufacturers, automotive, industrial products, etc.).

• MKT-440 New Product Development

Prerequisites:

TAKE MKT-210 or MKT-H210;

Credits:

3.00

Description:

The object of this course is to familiarize students with the new product techniques that are commonly used in the consumer product and service industries. The focus will be on the marketing function's input to the new product process during the pre-launch and launch stages. The course will cover a wide range of issued such as marketing definition, concept generation and evaluation, product design, product positioning, test marketing, and product launch and tracking. The course will be based on lectures, case discussions, and project assignments. The lectures will provide an overview and cover issues included in the assigned readings. It is essential that you are familiar with the readings before every class. The case discussion (student participation is vital here) will provide an application setting to test the concepts learned in the lectures. The project assignments are designed to give you hands-on-experience with new product development tools and techniques.

• MKT-442 Brand Marketing

Prerequisites:

Take MKT-210 or MKT-H210;

Credits:

3.00

Description:

Brand marketing has become an increasingly important function in organizations. The purpose of this course is to provide a thorough understanding of brand marketing principles and practices. The role of brands and branding will be examined both from a managerial and a consumer perspective. More specifically the course will present current frameworks that guide marketing managers in how to build strong brands in the marketplace. In order to build brands successfully, it is of key importance to have a profound understanding of the roles brands play in consumer culture. The course will examine how consumers make use of brands and develop brand meaning through everyday consumption practices.

- **MKT-444 Managing Social Media**

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.

- **MKT-H444 Honors the Business of Digital Media**

Prerequisites:

MKT-210 or MKT-H210;

Credits:

3.00

Description:

Social media is transforming the way consumers work, play, and live and no one knows this better than you- the Millennial generation. But, what does this mean for business? The focus of this course is to understand the transformation of marketing practices as new social media challenge traditional media. How do businesses use the new media to create deeper and more profitable relationships with consumers? What are the new measures and metrics for assessing marketing programs in this new environment? From 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. The course is constructed on the principle of the student as an active learner where the student takes the responsibility for their own learning and works collaboratively with peers assisting in their learning. Naturally, student projects, assignments, and other activities will use social media tools including wikis and blogs.

• MKT-446 High Tech Marketing**Prerequisites:**

MKT-210 or MKT-H210;

Credits:

3.00

Description:

Marketing of high-tech technology products and innovations occur in turbulent environments, and requires rapid decision making with incomplete information and risky prospect. The fast pace of change defines the momentum of evolution in the high-technology markets. Marketing in such an environment commands knowledge about the idiosyncratic features of high-tech products, innovations, and the industries. Marketing success in high-tech industries also calls for capabilities and skills of analyzing decision problems and designing solutions. To achieve these objectives, this course is built on extensive analysis of Harvard Business School cases, class discussions of intriguing phenomena in high-tech industries, and learning-by-doing student projects that focus on real-life companies and technologies. The topics covered in this course include the following: - Characteristics of high-technology industries - Different types and characteristics of high-tech products and innovations, and their marketing implications - Organizational culture and management strategies for high-tech products and innovations - Strategic alliances in developing and marketing high-tech products and innovations - Acquisition and understanding of market information for high-tech products and innovations - Customer adoption and diffusion of high-tech products and innovations -Market introduction strategies for high-tech products and innovations

• MKT-477 eMarketing**Prerequisites:**

MKT 210 or 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.

- **MKT-520 Marketing Internship**

Prerequisites:

Minimum Of 3.0 GPA; MKT 210 or MKT H210

Credits:

3.00

Description:

This course provides marketing majors or minors (junior status or higher) to apply marketing and business knowledge for problem solving in an organizational workplace setting. Students identify and organize their own internship position and particular project (depending on area of interest) with assistance from department staff, as needed. Projects will vary in scope and content and may include topics such as buyer behavior, customer satisfaction, service quality, e-marketing, and others. Students are expected to be on the job for approximately 8 hours per week during the course of the semester. Prerequisites: Minimum of 3.0 GPA; MKT 210 or MKT H210 (formerly MKT 310) AND JUNIOR STANDING and permission from instructor. 1 term - 3 credits.

- **MKT-H525 Honors Professional Marketing Consulting**

Prerequisites:

GPA of 3.2 or above required. Take MKT-319 or MKT-H319;

Credits:

3.00

Description:

This course provides qualified students with a unique opportunity to work either individually or with other qualified students, on a marketing consulting project for a professional client. Projects could include, but are not limited to the development of strategic marketing plans and marketing research projects. Students will create and deliver a professional report and presentation to the client upon completion of the semester project.

To focus your minor in a specific area within Marketing, see "Marketing Major Concentrations" for specialized elective combinations.

Marketing Minor for College of Arts and Sciences Students, 4 courses, 12 credits

College of Arts and Sciences students are required to take MKT 210 or MKT H210 and three additional marketing courses:

- **MKT-313 Professional Selling**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

Students in professional selling learn many of the skills needed to prosper in a sales position. Particularly, the stages of the professional selling process are examined, as well as the role of sales in today's marketing environment. Emphasis is placed on adaptive selling techniques and developing effective interpersonal communication skills. A detailed examination of sales careers is provided.

- **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.

- **MKT-317 Consumer Behavior**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using, and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

- **MKT-H317 Honors Consumer Behavior**

Prerequisites:

GPA of 3.2 or above required MKT-210 or MKT-H210

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

- **MKT-318 Marketing Tools and Analysis**

Prerequisites:

MKT 210 or MKT H210 and STATS 250

Credits:

3.00

Description:

The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. Hands-on training with tools such as Excel and SPSS provides a meaningful learning experience and reinforces concepts learned in other courses in the Business School. Topics include marketing math and statistical analysis for marketing research. After taking Marketing Tools, students are well prepared to integrate analytical skills in business consulting projects used in upper level courses (MKT 319 and MKT 419). Prerequisites: MKT 210 (formerly MKT 310) and STATS 250 or STATS 240.

- **MKT-H318 Honors Marketing Tools and Analysis**

Prerequisites:

MKT-210 or MKT-H210 and STATS-250; GPA of 3.2 or higher

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. Hands-on training with tools such as Excel and SPSS provides a meaningful learning experience and reinforces concepts learned in other courses in the Business School. Topics include marketing math and statistical analysis for marketing research. After taking Marketing Tools, students are well prepared to integrate analytical skills in business consulting projects used in upper level courses (MKT 319 and MKT 419)

- **MKT-319 Marketing Research**

Prerequisites:

Credits:

3.00

Description:

In this course, students explore the process and practice of research in a marketing context. The impact of research as it affects and shapes managerial decision making for organizations is a central focus. Specifically, we examine the process of designing and conducting qualitative and quantitative marketing research studies. We cover specific method-related practices that facilitate unbiased data collection, data analysis (via SPSS), interpretation of marketing research results, and presentation of such results for use by marketing managers.

- **MKT-H319 Honors Marketing Research**

Prerequisites:

Take MKT 210 or MKT-H210 and STATS 250, MKT 318 or MKT-H318 and have a GPA of 3.2 or higher

Credits:

3.00

Description:

This honors course extends the learning in other MKT courses, in particular MKT 318. You will learn advanced concepts and ideas pertaining to scientific research methodology in the context of marketing applications. Topics include planning and designing research studies, qualitative inquiry, survey design, principles of measurement, sample design, and statistical data analysis. The course is heavily project based with extensive use of SPSS for statistical data analysis. The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. After taking Marketing Research, students are well prepared to design and carry out research to address business questions regarding problems and opportunities in upper level courses (MKT 419 and MGT 429)

- **MKT-420 Marketing for Entrepreneurs**

Prerequisites:

MKT 210 or H210

Credits:

3.00

Description:

This course covers the critical role of marketing for entrepreneurs and start-up companies as they attempt to define and carve out a market for a new company, product or service. We will examine through both class discussion and case study how marketing must infiltrate the entire organization beginning with the concept, the business plan and through the early stage development phase. Moreover, we will discuss the creation of the new venture marketing plan, the budgeting and human resource allocation process and its integration into the business plan. We will also look at tactics from guerilla marketing through mass media executions, the potential ROI for both and their influence on the ultimate success of the enterprise.

- **MKT-421 Global Marketing**

Prerequisites:

TAKE MKT-210

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

- **MKT-423 Retail Strategy**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

Retail Strategy provides students with an introduction to the field of retailing. The course focuses on the retail environment, structure and strategy, the development and implementation of the retailing mix, and financial and managerial considerations. Topics include information systems for retailing, the internationalization of retailing and the growth of non-store retailing activities.

- **MKT-426 Sports Marketing**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

The purpose of the course is to develop an understanding of strategic marketing concepts and activities as they apply to the sports context. Marketing concepts and activities are examined as they relate to the marketing of sports and marketing through sports. An emphasis is placed on the international arena and issues relevant to the sports industry.

- **MKT-427 Supply Chain Management**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

The purpose of this course is to explain the function and value of marketing channels and define the major channel types. This course will also explain the elementary legal aspects of channel promotion, pricing, delivery and integration systems as well as identify channel strategies. Prerequisite: MKT 210 or MKT H210 (Formerly MKT 310) and Junior Standing. 1 term - 3 credits.

- **MKT-428 The Business of Sports and the Media**

Prerequisites:

Take MKT-210 or MKT-H210;

Credits:

3.00

Description:

The Business of Sport focuses on the multibillion-dollar global sport industry and the challenges facing today's sport business leaders. Because the business of sport is interdisciplinary in nature, insights from a variety of stakeholders in the sport industry, along with perspectives from the major business disciplines including marketing, management, finance, information technology, and ethics are integrated throughout the course. This course provides an in-depth analysis of issues specific to the business of sport. The course is designed for future sport business leaders as well as those interested in the inner-workings of the industry. Students will apply knowledge and skills learned in core business courses to the unique issues found in the sport industry.

- **MKT-430 Sports Marketing Consulting**

Prerequisites:

Take MKT-210 or MKT-H210 and MKT-318 OR MKT-H318 or MKT-319 or MKT-H319.

Credits:

3.00

Description:

This course presents an in-depth and innovative framework for implementing relationship marketing within the sport industry. This framework includes network-and market-oriented methods and tools that enable sport organizations to design and develop products that provide targeted stakeholders with greater functional and experiential value. Sport organizations provide a wide variety of services from leadership, governance, management, development, entertainment and control to educational materials and other retail products, all of which benefit from relationship marketing principles. Because many sport organizations have adopted a relationship-marketing approach, they are necessarily network-based, operating in a system formed by numerous stakeholders. Their goals may be economic, social or environmental with the foundation of the system being the sport itself, with various bodies involved in the development of the sport. Through a consulting project with a sport organization, students will develop an understanding of the dynamics of the relationships between the different stakeholders who make up the network of the sport industry. Specifically, students will learn how sport organizations carry out their strategic actions within a network of stakeholders.

- **MKT-H432 Honors Marketing in Emerging Markets**

Prerequisites:

GPA of 3.2 or above required. Take MKT-317 or MKT-H317;

Credits:

3.00

Description:

This course focuses on cultural consumption trends both at home and abroad. In particular it compares and contrasts the emerging markets of India and China with more established Western markets. The course is organized in two self-contained modules around a theme. The first module focuses at the market level and examines what happens to the culture when East meets West. The second module analyzes the challenges companies face in staying competitive in rapidly evolving economies. Each class in a module advances your understanding of the theme through an engaging and challenging mix of readings, assignments, and case studies. This is an intensive Honors level course and requires students to be self directed and motivated. Every class is important- there is no mid-term or final.

- **MKT-434 Services Marketing in the Global Environment**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

The course focuses on the unique challenges of managing services and delivering quality service to customers. The attrition, retention, and building of strong customer relationships through quality service (and services) are at the heart of the course content. The course is equally applicable to an organizations whose core product is service (e.g., banks, transportation companies, hotels, hospitals, educational institutions, professional services, telecommunications, sporting industry, etc.) and to organizations that depend on service excellence for competitive advantage (e.g., high technology manufacturers, automotive, industrial products, etc.).

- **MKT-440 New Product Development**

Prerequisites:

TAKE MKT-210 or MKT-H210;

Credits:

3.00

Description:

The object of this course is to familiarize students with the new product techniques that are commonly used in the consumer product and service industries. The focus will be on the marketing function's input to the new product process during the pre-launch and launch stages. The course will cover a wide range of issues such as marketing definition, concept generation and evaluation, product design, product positioning, test marketing, and product launch and tracking. The course will be based on lectures, case discussions, and project assignments. The lectures will provide an overview and cover issues included in the assigned readings. It is essential that you are familiar with the readings before every class. The case discussion (student participation is vital here) will provide an application setting to test the concepts learned in the lectures. The project assignments are designed to give you hands-on-experience with new product development tools and techniques.

- **MKT-442 Brand Marketing**

Prerequisites:

Take MKT-210 or MKT-H210;

Credits:

3.00

Description:

Brand marketing has become an increasingly important function in organizations. The purpose of this course is to provide a thorough understanding of brand marketing principles and practices. The role of brands and branding will be examined both from a managerial and a consumer perspective. More specifically the course will present current frameworks that guide marketing managers in how to build strong brands in the marketplace. In order to build brands successfully, it is of key importance to have a profound understanding of the roles brands play in consumer culture. The course will examine how consumers make use of brands and develop brand meaning through everyday consumption practices.

- **MKT-444 Managing Social Media**

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.

- **MKT-H444 Honors the Business of Digital Media**

Prerequisites:

MKT-210 or MKT-H210;

Credits:

3.00

Description:

Social media is transforming the way consumers work, play, and live and no one knows this better than you- the Millennial generation. But, what does this mean for business? The focus of this course is to understand the transformation of marketing practices as new social media challenge traditional media. How do businesses use the new media to create deeper and more profitable relationships with consumers? What are the new measures and metrics for assessing marketing programs in this new environment? From 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. The course is constructed on the principle of the student as an active learner where the student takes the responsibility for their own learning and works collaboratively with peers assisting in their learning. Naturally, student projects, assignments, and other activities will use social media tools including wikis and blogs.

- **MKT-446 High Tech Marketing**

Prerequisites:

MKT-210 or MKT-H210;

Credits:

3.00

Description:

Marketing of high-tech technology products and innovations occur in turbulent environments, and requires rapid decision making with incomplete information and risky prospect. The fast pace of change defines the momentum of evolution in the high-technology markets. Marketing in such an environment commands knowledge about the idiosyncratic features of high-tech products, innovations, and the industries. Marketing success in high-tech industries also calls for capabilities and skills of analyzing decision problems and designing solutions. To achieve these objectives, this course is built on extensive analysis of Harvard Business School cases, class discussions of intriguing phenomena in high-tech industries, and learning-by-doing student projects that focus on real-life companies and technologies. The topics covered in this course include the following: - Characteristics of high-technology industries - Different types and characteristics of high-tech products and innovations, and their marketing implications - Organizational culture and management strategies for high-tech products and innovations - Strategic alliances in developing and marketing high-tech products and innovations - Acquisition and understanding of market information for high-tech products and innovations - Customer adoption and diffusion of high-tech products and innovations -Market introduction strategies for high-tech products and innovations

- **MKT-477 eMarketing**

Prerequisites:

MKT 210 or 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.

- **MKT-520 Marketing Internship**

Prerequisites:

Minimum Of 3.0 GPA; MKT 210 or MKT H210

Credits:

3.00

Description:

This course provides marketing majors or minors (junior status or higher) to apply marketing and business knowledge for problem solving in an organizational workplace setting. Students identify and organize their own internship position and particular project (depending on area of interest)

with assistance from department staff, as needed. Projects will vary in scope and content and may include topics such as buyer behavior, customer satisfaction, service quality, e-marketing, and others. Students are expected to be on the job for approximately 8 hours per week during the course of the semester. Prerequisites: Minimum of 3.0 GPA; MKT 210 or MKT H210 (formerly MKT 310) AND JUNIOR STANDING and permission from instructor. 1 term - 3 credits.

- **MKT-H525 Honors Professional Marketing Consulting**

Prerequisites:

GPA of 3.2 or above required. Take MKT-319 or MKT-H319;

Credits:

3.00

Description:

This course provides qualified students with a unique opportunity to work either individually or with other qualified students, on a marketing consulting project for a professional client. Projects could include, but are not limited to the development of strategic marketing plans and marketing research projects. Students will create and deliver a professional report and presentation to the client upon completion of the semester project.

SBS101 Business Foundations is not required to minor in Marketing.

To focus your minor in a specific area within Marketing, see "Marketing Major Concentrations" for specialized elective combinations.

2013-2014 Archived Catalog Information

Marketing

Marketing, a critical element of business, is about developing, sustaining, and delivering value to the consumer in a socially responsible manner. In short, marketing is meeting customer needs profitably. As globalization, rapid changes in technology, and evolving lifestyles continuously alter the specifics of marketing tasks, business strategies and tactics that worked yesterday may not work tomorrow. Consequently, our emphasis is not only to prepare students for the marketing environment of today, but also to anticipate the critical knowledge base and skills that will be effective tomorrow. Our curriculum is designed to give students a solid foundation in effective marketing thought and practices. In addition to providing knowledge about fundamental concepts and frameworks, the curriculum emphasizes written and oral communication, teamwork, leadership, and problem-solving skills to prepare students for a successful transition into a marketing career.

The Marketing Department prepares students to enter a wide variety of careers including, but not limited to, entry-level positions in client management, marketing communications, advertising, professional selling, and marketing research. We offer courses in all fundamental aspects of marketing, including Consumer Behavior, Supply Chain Management, Entrepreneurial Marketing, Sports Marketing, Services Marketing, Brand Marketing, Digital Marketing, and Global Marketing. In addition, to enhance and complement classroom learning, our majors have an opportunity to earn course credit while working as an intern in a company or nonprofit organization and by working on consulting projects with actual business clients. We also allow students to specialize in a particular area of Marketing by declaring a concentration in one of four cutting-edge fields, including Sports Marketing, Marketing Innovation and New Media, Brand Marketing, or Global Marketing.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

- **IBMK-421 International Marketing**

Prerequisites:

Take MKT-310 MKT-210 IBMK-321 MKT-H210 or IB-321;and JR Standing

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

• MKT-210 Principles of Marketing

Prerequisites:

Take ENG-101 or ENG-103;

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.

• MKT-H210 Honors- Principles of Marketing

Prerequisites:

Open to Griffin Fellows and Honors Students only. GPA of 3.3 or above required. Take ENG-101 or ENG-103;

Credits:

3.00

Description:

This course addresses the topics that remain relevant and important, while simultaneously emphasizing new thinking and approaches to marketing practices. Students need to be prepared to operate in the complex and dynamic marketing world of the future, they need to develop the capacity to think and act like marketers in a difficult and uncertain environment. This requires the ability to assess complex and changing marketing situations, to determine the best marketing strategies for these situations, and to execute the strategies effectively. This course serves two purposes: as a foundation for those intending to major/minor in marketing, and potentially as the sole background in marketing for other majors/minors.

- **MKT-220 Business Research Methods**

Prerequisites:

STATS 240 or STATS 250

Credits:

3.00

Description:

Business Research Methods is a general introduction to both quantitative and qualitative business research methods. Topics covered include the purpose of research, defining research and research problems, defining an hypothesis, problem solving and knowledge discovery, methods of quantitative and qualitative research, conducting literature reviews, designing appropriate methodologies, evaluating outcomes, analysis and communicating the results. Students will use Excel and SPSS to support research analysis, implementing what was learned in statistics and going beyond as they learn new data analysis techniques. Students will discuss and present research ideas and processes orally both informally and formally.

- **MKT-313 Professional Selling**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

Students in professional selling learn many of the skills needed to prosper in a sales position. Particularly, the stages of the professional selling process are examined, as well as the role of sales in today's marketing environment. Emphasis is placed on adaptive selling techniques and developing effective interpersonal communication skills. A detailed examination of sales careers is provided.

- **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.

- **MKT-317 Consumer Behavior**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using, and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

- **MKT-H317 Honors Consumer Behavior**

Prerequisites:

GPA of 3.2 or above required MKT-210 or MKT-H210

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. In this course we focus on people as consumers of products, services, and experiences. We do so by drawing upon theories of consumption in fields as diverse as psychology, sociology, economics, and anthropology. Students engage in projects that link theory to insights on consumer buying, using and disposing behavior and the application of these insights in marketing programs. In the process they become more critical consumers. The classes are discussion based and active participation from students is expected.

- **MKT-318 Marketing Tools and Analysis**

Prerequisites:

MKT 210 or MKT H210 and STATS 250

Credits:

3.00

Description:

The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. Hands-on training with tools such as Excel and SPSS provides a meaningful learning experience and reinforces concepts learned in other courses in the Business School. Topics include marketing math and statistical analysis for marketing research. After taking Marketing Tools, students are well prepared to integrate analytical skills in business consulting projects used in upper level courses (MKT 319 and MKT 419). Prerequisites: MKT 210 (formerly MKT 310) and STATS 250 or STATS 240.

- **MKT-H318 Honors Marketing Tools and Analysis**

Prerequisites:

MKT-210 or MKT-H210 and STATS-250; GPA of 3.2 or higher

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. Hands-on training with tools such as Excel and SPSS provides a meaningful learning experience and reinforces concepts learned in other courses in the Business School. Topics include marketing math and statistical analysis for marketing research. After taking Marketing Tools, students are well prepared to integrate analytical skills in business consulting projects used in upper level courses (MKT 319 and MKT 419)

- **MKT-319 Marketing Research**

Prerequisites:

MKT 210 or MKT H210; STATS 250 OR STATS 240 AND MKT 318 or MKT-H318

Credits:

3.00

Description:

In this course, students explore the process and practice of research in a marketing context. The impact of research as it affects and shapes managerial decision making for organizations is a central focus. Specifically, we examine the process of designing and conducting qualitative and quantitative marketing research studies. We cover specific method-related practices that facilitate unbiased data collection, data analysis (via SPSS), interpretation of marketing research results, and presentation of such results for use by marketing managers.

- **MKT-H319 Honors Marketing Research**

Prerequisites:

Take MKT 210 or MKT-H210 and STATS 250, MKT 318 or MKT-H318 and have a GPA of 3.2 or higher

Credits:

3.00

Description:

This honors course extends the learning in other MKT courses, in particular MKT 318. You will learn advanced concepts and ideas pertaining to scientific research methodology in the context of marketing applications. Topics include planning and designing research studies, qualitative inquiry, survey design, principles of measurement, sample design, and statistical data analysis. The course is heavily project based with extensive use of SPSS for statistical data analysis. The objective of this course is to provide students with a solid and user-friendly foundation for making better marketing and business decisions. After taking Marketing Research, students are well prepared to design and carry out research to address business questions regarding problems and opportunities in upper level courses (MKT 419 and MGT 429)

- **MKT-419 Marketing Policies & Strategies**

Prerequisites:

MKT 210 or MKT H210; MKT 317 or MKT H317; MKT 318 or MKT-H318; MKT 319 OR MKT-H319 and Senior Standing

Credits:

3.00

Description:

In this capstone course, marketing majors apply lessons learned across the curricula of the Marketing Department and Sawyer School. Students test their level of marketing knowledge by working to solve challenging integrated cases for developing marketing strategy and programs. In particular, students analyze both qualitative and quantitative information, evaluate alternative courses of action, and then make strategic recommendations for resolving the issues in each case. Prerequisites: MKT 210 or MKT H210, MKT 317, MKT 318, MKT 319, and Senior Standing.

- **MKT-H419 Honors Marketing Policies & Strategies**

Prerequisites:

GPA of 3.2 or above required; MKT 210 or MKT H210; MKT 317 or MKT-H317; MKT 318 or MKT-H318; MKT 319 OR MKT-H319; and have Senior Standing

Credits:

3.00

Description:

This course is open to students with a GPA of 3.2 or higher. This honors course is a focused and challenging learning experience. As a result, you will be introduced to advanced concepts, ideas, and project experiences that will place you in a highly desirable position for internships, future career opportunities, and graduate school. In this capstone course, marketing majors apply lessons learned across the curricula of the Marketing Department and Sawyer School. Students test their level of marketing knowledge by working to solve challenging integrated cases for developing marketing strategy and programs. In particular, students analyze both qualitative and quantitative information, evaluate alternative courses of action, and then make strategic recommendations for resolving the issues in each case.

- **MKT-420 Marketing for Entrepreneurs**

Prerequisites:

MKT 210 or H210

Credits:

3.00

Description:

This course covers the critical role of marketing for entrepreneurs and start-up companies as they attempt to define and carve out a market for a new company, product or service. We will examine through both class discussion and case study how marketing must infiltrate the entire organization beginning with the concept, the business plan and through the early stage development phase. Moreover, we will discuss the creation of the new venture marketing plan, the budgeting and human resource allocation process and its integration into the business plan. We will also look at tactics from guerilla marketing through mass media executions, the potential ROI for both and their influence on the ultimate success of the enterprise.

- **MKT-421 Global Marketing**

Prerequisites:

TAKE MKT-210

Credits:

3.00

Description:

Topics examined in this course include the variations in economic, social-cultural, legal-political, and business environments among different nations and how these variations affect the marketing practices across national boundaries. The goal is to provide students with the necessary skills to

compete successfully in national and international markets. Particular attention is given to the formulation of marketing plans and programs and policies to integrate and coordinate such activities on a global basis.

- **MKT-423 Retail Strategy**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

Retail Strategy provides students with an introduction to the field of retailing. The course focuses on the retail environment, structure and strategy, the development and implementation of the retailing mix, and financial and managerial considerations. Topics include information systems for retailing, the internationalization of retailing and the growth of non-store retailing activities.

- **MKT-426 Sports Marketing**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

The purpose of the course is to develop an understanding of strategic marketing concepts and activities as they apply to the sports context. Marketing concepts and activities are examined as they relate to the marketing of sports and marketing through sports. An emphasis is placed on the international arena and issues relevant to the sports industry.

- **MKT-427 Supply Chain Management**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

The purpose of this course is to explain the function and value of marketing channels and define the major channel types. This course will also explain the elementary legal aspects of channel promotion, pricing, delivery and integration systems as well as identify channel strategies. Prerequisite: MKT 210 or MKT H210 (Formerly MKT 310) and Junior Standing. 1 term - 3 credits.

- **MKT-428 The Business of Sports and the Media**

Prerequisites:

Take MKT-210 or MKT-H210;

Credits:

3.00

Description:

The Business of Sport focuses on the multibillion-dollar global sport industry and the challenges facing today's sport business leaders. Because the business of sport is interdisciplinary in nature, insights from a variety of stakeholders in the sport industry, along with perspectives from the major business disciplines including marketing, management, finance, information technology, and ethics are integrated throughout the course. This course provides an in-depth analysis of issues specific to the business of sport. The course is designed for future sport business leaders as well as those interested in the inner-workings of the industry. Students will apply knowledge and skills learned in core business courses to the unique issues found in the sport industry.

- **MKT-430 Sports Marketing Consulting**

Prerequisites:

Take MKT-210 or MKT-H210 and MKT-318 OR MKT-H318 or MKT-319 or MKT-H319.

Credits:

3.00

Description:

This course presents an in-depth and innovative framework for implementing relationship marketing within the sport industry. This framework includes network-and market-oriented methods and tools that enable sport organizations to design and develop products that provide targeted stakeholders with greater functional and experiential value. Sport organizations provide a wide variety of services from leadership, governance, management, development, entertainment and control to educational materials and other retail products, all of which benefit from relationship marketing principles. Because many sport organizations have adopted a relationship-marketing approach, they are necessarily network-based, operating in a system formed by numerous stakeholders. Their goals may be economic, social or environmental with the foundation of the system being the sport itself, with various bodies involved in the development of the sport. Through a consulting project with a sport organization, students will develop an understanding of the dynamics of the relationships between the different stakeholders who make up the network of the sport industry. Specifically, students will learn how sport organizations carry out their strategic actions within a network of stakeholders.

- **MKT-H432 Honors Marketing in Emerging Markets**

Prerequisites:

GPA of 3.2 or above required. Take MKT-317 or MKT-H317;

Credits:

3.00

Description:

This course focuses on cultural consumption trends both at home and abroad. In particular it compares and contrasts the emerging markets of India and China with more established Western markets. The course is organized in two self-contained modules around a theme. The first module focuses at the market level and examines what happens to the culture when East meets West. The second module analyzes the challenges companies face in staying competitive in rapidly evolving economies. Each class in a module advances your understanding of the theme through an engaging and challenging mix of readings, assignments, and case studies. This is an intensive Honors level course and requires students to be self directed and motivated. Every class is important- there is no mid-term or final.

- **MKT-434 Services Marketing in the Global Environment**

Prerequisites:

MKT 210 or MKT H210

Credits:

3.00

Description:

The course focuses on the unique challenges of managing services and delivering quality service to customers. The attrition, retention, and building of strong customer relationships through quality service (and services) are at the heart of the course content. The course is equally applicable to an organizations whose core product is service (e.g., banks, transportation companies, hotels, hospitals, educational institutions, professional services, telecommunications, sporting industry, etc.) and to organizations that depend on service excellence for competitive advantage (e.g., high technology manufacturers, automotive, industrial products, etc.).

• MKT-440 New Product Development

Prerequisites:

TAKE MKT-210 or MKT-H210;

Credits:

3.00

Description:

The object of this course is to familiarize students with the new product techniques that are commonly used in the consumer product and service industries. The focus will be on the marketing function's input to the new product process during the pre-launch and launch stages. The course will cover a wide range of issued such as marketing definition, concept generation and evaluation, product design, product positioning, test marketing, and product launch and tracking. The course will be based on lectures, case discussions, and project assignments. The lectures will provide an overview and cover issues included in the assigned readings. It is essential that you are familiar with the readings before every class. The case discussion (student participation is vital here) will provide an application setting to test the concepts learned in the lectures. The project assignments are designed to give you hands-on-experience with new product development tools and techniques.

• MKT-442 Brand Marketing

Prerequisites:

Take MKT-210 or MKT-H210;

Credits:

3.00

Description:

Brand marketing has become an increasingly important function in organizations. The purpose of this course is to provide a thorough understanding of brand marketing principles and practices. The role of brands and branding will be examined both from a managerial and a consumer perspective. More specifically the course will present current frameworks that guide marketing managers in how to build strong brands in the marketplace. In order to build brands successfully, it is of key importance to have a profound understanding of the roles brands play in consumer culture. The course will examine how consumers make use of brands and develop brand meaning through everyday consumption practices.

- **MKT-444 Managing Social Media**

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.

- **MKT-H444 Honors the Business of Digital Media**

Prerequisites:

MKT-210 or MKT-H210;

Credits:

3.00

Description:

Social media is transforming the way consumers work, play, and live and no one knows this better than you- the Millennial generation. But, what does this mean for business? The focus of this course is to understand the transformation of marketing practices as new social media challenge traditional media. How do businesses use the new media to create deeper and more profitable relationships with consumers? What are the new measures and metrics for assessing marketing programs in this new environment? From 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. The course is constructed on the principle of the student as an active learner where the student takes the responsibility for their own learning and works collaboratively with peers assisting in their learning. Naturally, student projects, assignments, and other activities will use social media tools including wikis and blogs.

- **MKT-446 High Tech Marketing**

Prerequisites:

MKT-210 or MKT-H210;

Credits:

3.00

Description:

Marketing of high-tech technology products and innovations occur in turbulent environments, and requires rapid decision making with incomplete information and risky prospect. The fast pace of change defines the momentum of evolution in the high-technology markets. Marketing in such an environment commands knowledge about the idiosyncratic features of high-tech products, innovations, and the industries. Marketing success in high-tech industries also calls for capabilities and skills of analyzing decision problems and designing solutions. To achieve these objectives, this course is built on extensive analysis of Harvard Business School cases, class discussions of intriguing phenomena in high-tech industries, and learning-by-doing student projects that focus on real-life companies and technologies. The topics covered in this course include the following: - Characteristics of high-technology industries - Different types and characteristics of high-tech products and innovations, and their marketing implications - Organizational culture and management strategies for high-tech products and innovations - Strategic alliances in developing and marketing high-tech products and innovations - Acquisition and understanding of market information for high-tech products and innovations - Customer adoption and diffusion of high-tech products and innovations -Market introduction strategies for high-tech products and innovations

- **MKT-H455 Honors Digital Marketing Challenges**

Prerequisites:

MKT210, 3.2 GPA

Credits:

3.00

Description:

The foundational course in the digital marketing track this course focuses on the consumer of digital media and five big picture marketing strategy challenges confronting marketers in the new digital (mobile +social) marketing era. Challenge 1: Marketing to a smarter, more engaged, empowered consumer; Challenge 2: Marketing to a networked, collaborative, and more social consumer; Challenge 3: Marketing to a more distracted and fickle consumer; Challenge 4: Marketing to a unique, individual consumer; and Challenge 5: Marketing to prosumers or producer-consumers. The course takes on these big picture challenges through a deep engagement with and critical analysis of readings and cases. Given this focus the course demands thorough preparation for class and active engagement in the class discussion. The evaluation is assignment and project based.

- **MKT-466 Mobile Marketing: Reaching the Multi-Screen Consumer**

Prerequisites:

MKT 210

Credits:

3.00

Description:

This new course in the digital marketing track focuses on how mobile device usage has completely changed the paradigm for companies in every industry. It will focus on the following four major areas: 1. consumer usage of mobile devices; 2. mobile-only companies and applications, 3. mobile hybrids - companies making a huge shift to mobile; and 4. mobile marketing and advertising. The course will rely heavily on discussion of real mobile business cases with lectures from leaders from inside the mobile industry. Evaluation will be based on assignments, class participation, and a group project.

- **MKT-477 eMarketing**

Prerequisites:

MKT 210 or 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.

• MKT-510 Directed Study

Prerequisites:

MKT 210 or MKT H210, instructor's consent

Credits:

1.00- 3.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

• MKT-H510 Honors Directed Study

Prerequisites:

MKT 310, instructor's consent

Credits:

1.00- 3.00

Description:

This elective course option involves a student initiated written proposal to a willing and appropriate full-time faculty member for a directed study project. Normally this is for three credits and completed during one semester. The faculty member and student must concur on a written proposal and final project. Approval by the Department Chair and the Dean is necessary prior to registration.

• MKT-520 Marketing Internship

Prerequisites:

Minimum Of 3.0 GPA; MKT 210 or MKT H210

Credits:

3.00

Description:

This course provides marketing majors or minors (junior status or higher) to apply marketing and business knowledge for problem solving in an organizational workplace setting. Students identify and organize their own internship position and particular project (depending on area of interest) with assistance from department staff, as needed. Projects will vary in scope and content and may include topics such as buyer behavior, customer satisfaction, service quality, e-marketing, and others. Students are expected to be on the job for approximately 8 hours per week during the course of the semester. Prerequisites: Minimum of 3.0 GPA; MKT 210 or MKT H210 (formerly MKT 310) AND JUNIOR STANDING and permission from instructor. 1 term - 3 credits.

- **MKT-H520 Honors Marketing Internship**

Prerequisites:

Minimum 3.2 GPA and take MKT-319 or MKT-H319;

Credits:

1.00- 3.00

Description:

The honors marketing internship provides qualified students with a unique opportunity to work either individually or with other qualified students, on a marketing consulting project for a professional client. Projects could include, but are not limited to the development of strategic marketing plans and marketing research projects. Students will create and deliver a professional report and presentation to the client upon completion of the semester project.

- **MKT-524 Global Marketing Consulting**

Prerequisites:

MKT-210

Credits:

3.00

Description:

This course offers global consulting experience with international corporate partners. Teams of Suffolk Business students work on strategic consulting projects that feature global marketing challenges (e.g., market entry decisions, consumer research, distribution channel analysis and other marketing strategy issues). At the end of the semester, students will finalize the projects and report to the business clients.

- **MKT-H524 Global Marketing Consulting**

Prerequisites:

MKT-210

Credits:

3.00

Description:

This course offers global consulting experience with international corporate partners. Teams of Suffolk Business students work on strategic consulting projects that feature global marketing challenges (e.g., market entry decisions, consumer research, distribution channel analysis and other marketing strategy issues). At the end of the semester, students will finalize the projects and report to the business clients.

- **MKT-H525 Honors Professional Marketing Consulting**

Prerequisites:

GPA of 3.2 or above required. Take MKT-319 or MKT-H319;

Credits:

3.00

Description:

This course provides qualified students with a unique opportunity to work either individually or with other qualified students, on a marketing consulting project for a professional client. Projects could include, but are not limited to the development of strategic marketing plans and marketing research projects. Students will create and deliver a professional report and presentation to the client upon completion of the semester project.

2013-2014 Archived Catalog Information

Marketing

Marketing, a critical element of business, is about developing, sustaining, and delivering value to the consumer in a socially responsible manner. In short, marketing is meeting customer needs profitably. As globalization, rapid changes in technology, and evolving lifestyles continuously alter the specifics of marketing tasks, business strategies and tactics that worked yesterday may not work tomorrow. Consequently, our emphasis is not only to prepare students for the marketing environment of today, but also to anticipate the critical knowledge base and skills that will be effective tomorrow. Our curriculum is designed to give students a solid foundation in effective marketing thought and practices. In addition to providing knowledge about fundamental concepts and frameworks, the curriculum emphasizes written and oral communication, teamwork, leadership, and problem-solving skills to prepare students for a successful transition into a marketing career.

The Marketing Department prepares students to enter a wide variety of careers including, but not limited to, entry-level positions in client management, marketing communications, advertising, professional selling, and marketing research. We offer courses in all fundamental aspects of marketing, including Consumer Behavior, Supply Chain Management, Entrepreneurial Marketing, Sports Marketing, Services Marketing, Brand Marketing, Digital Marketing, and Global Marketing. In addition, to enhance and complement classroom learning, our majors have an opportunity to earn course credit while working as an intern in a company or nonprofit organization and by working on consulting projects with actual business clients. We also allow students to specialize in a particular area of Marketing by declaring a concentration in one of four cutting-edge fields, including Sports Marketing, Marketing Innovation and New Media, Brand Marketing, or Global Marketing.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Major Requirements](#)
- [Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

Professor: Venkatraman, Wilson

Associate Professors: Bao, Chelariu, McCabe (Chair), Wheeler, Zhu

Assistant Professors: Darmody, Elliot, Markos

Instructors: Barretti, Mee

2013-2014

2013-2014

2013-2014

2013-2014

2013-2014 Archived Catalog Information

Public Service

The minor in Public Service prepares students for professional careers in all levels of government and the non-profit sector.

The minor focuses on the knowledge and skills needed to become an effective manager and leader in the challenging environment of public service. A minor in Public Service is interdisciplinary, drawing upon the behavioral, social science, quantitative, administrative/management science and related liberal arts disciplines. A close relationship exists between the undergraduate minor in Public Service and the Master of Public Administration offered by the Sawyer Business School. Thus, the minor provides a strong foundation for pursuing graduate education in public service.

The Suffolk University Institute for Public Service advances the public service mission of the Sawyer Business School. We support social responsibility and collaboration for the common good and seek to foster a public service spirit. For future leaders in government, health, non-profit, and business organizations, we offer curriculum options designed to enhance the responsiveness, efficiency, and effectiveness of the operations and interactions of all the public service sectors. We adhere to the democratic values of inclusion, egalitarianism, and respect for diversity.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

Public Service Minor for Business Students, 3 courses, 9 credits

A student may choose to minor in Public Administration by completing 3 courses (9 credits)

Required Course:

- P.AD-310 Introduction to Public Service

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course introduces students to the field of public management; including government, non-profit, and health. Topics for discussion include the role of managers in publicly controlled bureaucracies, techniques for analyzing and participating in public policy making including decision making, policy formulation, strategic planning, and implementation.

Choose two courses from the following:

- **P.AD-312 Managing Public Service Financial Resources**

Prerequisites:

ACCT 201 & ACCT 202, or Equivalent, and Junior standing

Credits:

3.00

Description:

This course introduces the fundamentals of budgeting, financial management, and revenue systems in the public sector. Course goals include: A heightened awareness of the democratic ideals and value that must inform budgeting and financial management decisions, including a commitment to ethics, transparency and accountability; an understanding of the budget process and the distinctive features of budgetary decision making in the public sector; an understanding of the critical linkage between budgeting and financial management systems and the capacity of an organization to achieve its strategic goals; the ability to use the budget and financial reports as planning and management tools; knowledge of the basic principles of taxation as well as the structure and functions of federal, state, and local revenue systems. The course emphasizes knowledge and skills essential to the full range of public service careers.

- **P.AD-322 Organizational Change**

Prerequisites:

Junior standing

Credits:

3.00

Description:

Students explore small groups and organizational operations, practices, behaviors, and structure. They develop techniques for maximizing efficiency and/or effectiveness; evaluations analysis; concepts and applications of the Classicists; leadership; organizational development; and results-oriented management; as well as elements of reorganization, innovation, and change.

- **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.

- **P.AD-326 Public Service Information Based Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course demonstrates how issues, problems and questions surrounding public policies, program operations, and administrative systems can be structured as hypotheses and made amendable to resolution through the application of social science research techniques. The elements of research design such as surveys, true experiments, quasi-experiments, case studies and non-experimental studies are described, as well as sampling

techniques and descriptive statistics. Ethical issues related to employment of these methods in the policy making process are also explored. The course content is presented as a way to reduce managerial uncertainty regarding alternative courses of action.

- **P.AD-361 Public Service Human Resource Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course will explore complex issues in public and non-profit human resource management (HRM) by examining policies and practices that support and enhance the value and contribution of individuals in these organizations.

- **P.AD-553 Climbing the Corporate Ladder: Serving On Nonprofit Boards**

Credits:

1.00

Description:

Business leaders who wish to climb to the top of their companies need to have developed a philanthropic resume along the way. Serving on nonprofit Boards of Directors is one way to develop that resume. Learn about what nonprofit organizations do, what role the Board of Directors plays in their operation, and what your responsibilities would be as a member of their Board.

Students may use PAD 201 Social Change as a minor requirement if it has not been counted toward their SBS Social Change requirement.

Public Service Minor for College of Arts and Sciences Students, 3 courses, 9 credits

College of Arts and Sciences students may undertake a public service minor when they have achieved junior standing and have completed:

Required course:

- **P.AD-310 Introduction to Public Service**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course introduces students to the field of public management; including government, non-profit, and health. Topics for discussion include the role of managers in publicly controlled bureaucracies, techniques for analyzing and participating in public policy making including decision making, policy formulation, strategic planning, and implementation.

Choose two courses from the following:

- **P.AD-312 Managing Public Service Financial Resources**

Prerequisites:

ACCT 201 & ACCT 202, or Equivalent, and Junior standing

Credits:

3.00

Description:

This course introduces the fundamentals of budgeting, financial management, and revenue systems in the public sector. Course goals include: A heightened awareness of the democratic ideals and value that must inform budgeting and financial management decisions, including a commitment to ethics, transparency and accountability; an understanding of the budget process and the distinctive features of budgetary decision making in the public sector; an understanding of the critical linkage between budgeting and financial management systems and the capacity of an organization to achieve its strategic goals; the ability to use the budget and financial reports as planning and management tools; knowledge of the basic principles of taxation as well as the structure and functions of federal, state, and local revenue systems. The course emphasizes knowledge and skills essential to the full range of public service careers.

- **P.AD-322 Organizational Change**

Prerequisites:

Junior standing

Credits:

3.00

Description:

Students explore small groups and organizational operations, practices, behaviors, and structure. They develop techniques for maximizing efficiency and/or effectiveness; evaluations analysis; concepts and applications of the Classicists; leadership; organizational development; and results-oriented management; as well as elements of reorganization, innovation, and change.

- **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.

- **P.AD-326 Public Service Information Based Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course demonstrates how issues, problems and questions surrounding public policies, program operations, and administrative systems can be structured as hypotheses and made amendable to resolution through the application of social science research techniques. The elements of research design such as surveys, true experiments, quasi-experiments, case studies and non-experimental studies are described, as well as sampling

techniques and descriptive statistics. Ethical issues related to employment of these methods in the policy making process are also explored. The course content is presented as a way to reduce managerial uncertainty regarding alternative courses of action.

- **P.AD-361 Public Service Human Resource Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course will explore complex issues in public and non-profit human resource management (HRM) by examining policies and practices that support and enhance the value and contribution of individuals in these organizations.

- **P.AD-553 Climbing the Corporate Ladder: Serving On Nonprofit Boards**

Credits:

1.00

Description:

Business leaders who wish to climb to the top of their companies need to have developed a philanthropic resume along the way. Serving on nonprofit Boards of Directors is one way to develop that resume. Learn about what nonprofit organizations do, what role the Board of Directors plays in their operation, and what your responsibilities would be as a member of their Board.

Accelerated BSBA and MPA (full-time study)

Public Service minor students may waive up to four courses (12 credits) if accepted into the Suffolk Master of Public Administration program. This enables a student to complete both the undergraduate and graduate degrees in only five years of full-time study. In order to waive courses, undergraduates must register for sections cross-listed with graduate level courses.

For more information or any questions contact:

Richard H. Beinecke, DPA, ACSW, professor and chair, Institute for Public Service, [rickhbeinecke@comcast.net](mailto:rckhbeinecke@comcast.net), 617-573-8062.

2013-2014

2013-2014

2013-2014

2013-2014

2013-2014 Archived Catalog Information

Public Service

The minor in Public Service prepares students for professional careers in all levels of government and the non-profit sector.

The minor focuses on the knowledge and skills needed to become an effective manager and leader in the challenging environment of public service. A minor in Public Service is interdisciplinary, drawing upon the behavioral, social science, quantitative, administrative/management science and related liberal arts disciplines. A close relationship exists between the undergraduate minor in Public Service and the Master of Public Administration offered by the Sawyer Business School. Thus, the minor provides a strong foundation for pursuing graduate education in public service.

The Suffolk University Institute for Public Service advances the public service mission of the Sawyer Business School. We support social responsibility and collaboration for the common good and seek to foster a public service spirit. For future leaders in government, health, non-profit, and business organizations, we offer curriculum options designed to enhance the responsiveness, efficiency, and effectiveness of the operations and interactions of all the public service sectors. We adhere to the democratic values of inclusion, egalitarianism, and respect for diversity.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Courses](#)
- [Faculty](#)
- 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.

Type:

BSBA SOCIAL CHANGE

- **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.

- **P.AD-310 Introduction to Public Service**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course introduces students to the field of public management; including government, non-profit, and health. Topics for discussion include the role of managers in publicly controlled bureaucracies, techniques for analyzing and participating in public policy making including decision making, policy formulation, strategic planning, and implementation.

- **P.AD-312 Managing Public Service Financial Resources**

Prerequisites:

ACCT 201 & ACCT 202, or Equivalent, and Junior standing

Credits:

3.00

Description:

This course introduces the fundamentals of budgeting, financial management, and revenue systems in the public sector. Course goals include: A heightened awareness of the democratic ideals and value that must inform budgeting and financial management decisions, including a commitment to ethics, transparency and accountability; an understanding of the budget process and the distinctive features of budgetary decision making in the public sector; an understanding of the critical linkage between budgeting and financial management systems and the capacity of an organization to achieve its strategic goals; the ability to use the budget and financial reports as planning and management tools; knowledge of the basic principles of taxation as well as the structure and functions of federal, state, and local revenue systems. The course emphasizes knowledge and skills essential to the full range of public service careers.

- **P.AD-321 Foundations of Pub Organ Admin**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course provides an overview of public administration and service and serves as the basis for advanced studies in the MPA program. This course covers the structure, functions, and processes of public service organizations at various levels, including governments and nonprofit organizations. Students explore historical trends, ethical considerations, and political rationale for the present operations of public service.

- **P.AD-322 Organizational Change**

Prerequisites:

Junior standing

Credits:

3.00

Description:

Students explore small groups and organizational operations, practices, behaviors, and structure. They develop techniques for maximizing efficiency and/or effectiveness; evaluations analysis; concepts and applications of the Classicists; leadership; organizational development; and results-oriented management; as well as elements of reorganization, innovation, and change.

- **P.AD-323 Quantitative Analysis**

Prerequisites:

MATH 134 or STATS 250 or STATS 240

Credits:

3.00

Description:

Quantitative analysis introduces basic statistical techniques used to analyze and draw conclusions from citizen and client surveys; program and policy evaluations; and performance and operations data. These techniques include chi square, lambda, gamma, correlations, analysis of variance, t test correlation, and multivariate regression. Knowledge of these statistical techniques empowers managers by giving them the ability to evaluate the work of consultants, access the policy and management of literature, and analyze data using the analytical tools available in commonly used statistical software, such as Microsoft Excel and the Statistical Package for the Social Sciences (SPSS).

- **P.AD-324 Public Sector Administrative Law**

Prerequisites:

BLE 214 OR B.LW 214 OR GVT 110 or Equivalent, and Jr Standing

Credits:

3.00

Description:

Students review the basis for administrative practice. They learn legal interpretation of statutes, regulations, and proposed legislation that impact public administration and public policy.

- **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.

- **P.AD-326 Public Service Information Based Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course demonstrates how issues, problems and questions surrounding public policies, program operations, and administrative systems can be structured as hypotheses and made amendable to resolution through the application of social science research techniques. The elements of research design such as surveys, true experiments, quasi-experiments, case studies and non-experimental studies are described, as well as sampling techniques and descriptive statistics. Ethical issues related to employment of these methods in the policy making process are also explored. The course content is presented as a way to reduce managerial uncertainty regarding alternative courses of action.

- **P.AD-361 Public Service Human Resource Management**

Prerequisites:

Junior Standing

Credits:

3.00

Description:

This course will explore complex issues in public and non-profit human resource management (HRM) by examining policies and practices that support and enhance the value and contribution of individuals in these organizations.

- **P.AD-362 Global Health, Poverty & Warming**

Prerequisites:

Take MGT-101;

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.

- **P.AD-410 Public Service Internship**

Prerequisites:

Junior standing, and permission of instructor.

Credits:

3.00

Description:

The Public Service Internship provides work experience for minors; allowing them to bridge the gap between education and practice. It includes approximately 150 hours of work in a government, non-profit, or health care organization on a specific project of importance to the host organization.

- **P.AD-510 Public Admin. Ind. Study**

Prerequisites:

Junior standing, instructor's consent

Credits:

1.00- 6.00

Description:

Independent study allows students to expand their classroom experience by completing research in an area of interest not already covered by Suffolk courses. The student designs a unique project and finds a full-time faculty member with expertise in that topic who agrees to sponsor it and provide feedback as the proposal is refined. A well designed and executed research project broadens and/or deepens learning in a major or minor area of study and may also enhance a student's marketability to potential future employers. Students cannot register for an Independent Study until a full proposal is approved by the faculty sponsor, department chair, and academic dean. Many Independent study proposals require revisions before approval is granted; even with revisions independent study approval is NOT guaranteed. Students are strongly encouraged to submit a proposal in enough time to register for a different course if the proposal is not accepted. For complete instructions, see the SBS Independent/Directed Study Agreement and Proposal form available online.

- **P.AD-553 Climbing the Corporate Ladder: Serving On Nonprofit Boards**

Credits:

1.00

Description:

Business leaders who wish to climb to the top of their companies need to have developed a philanthropic resume along the way. Serving on nonprofit Boards of Directors is one way to develop that resume. Learn about what nonprofit organizations do, what role the Board of Directors plays in their operation, and what your responsibilities would be as a member of their Board.

2013-2014 Archived Catalog Information

Public Service

The minor in Public Service prepares students for professional careers in all levels of government and the non-profit sector.

The minor focuses on the knowledge and skills needed to become an effective manager and leader in the challenging environment of public service. A minor in Public Service is interdisciplinary, drawing upon the behavioral, social science, quantitative, administrative/management science and related liberal arts disciplines. A close relationship exists between the undergraduate minor in Public Service and the Master of Public Administration offered by the Sawyer Business School. Thus, the minor provides a strong foundation for pursuing graduate education in public service.

The Suffolk University Institute for Public Service advances the public service mission of the Sawyer Business School. We support social responsibility and collaboration for the common good and seek to foster a public service spirit. For future leaders in government, health, non-profit, and business organizations, we offer curriculum options designed to enhance the responsiveness, efficiency, and effectiveness of the operations and interactions of all the public service sectors. We adhere to the democratic values of inclusion, egalitarianism, and respect for diversity.

Course descriptions may be updated periodically to reflect changes since the last published catalog.

- [Minor Requirements](#)
- [Courses](#)
- [Faculty](#)

Professor: Beinecke (Chair)

Associate Professors: Bond, Burke, Gianakis, Snow

Assistant Professors: Williamson

Instructors: Matava, Melconian

2013-2014 Archived Catalog Information

Honors Program

Sawyer Business School Honors Program

The Sawyer Business School Honors Program offers BSBA students with exceptional academic promise and motivation a unique program that provides innovative challenges.

Honors curricula include honors sections of required courses in the business core and certain general education requirements. These and other honors courses allow students to customize their academic experience, and include:

- Electives within most business majors
- Special topics courses
- Honors tracks within marketing major
- Challenge courses
- Internships
- Independent study

A host of co-curricular experiences are offered each year. Academic and social events promote leadership and involvement while rounding out a strong educational foundation. Honors students participate in case competitions, service projects, career development programs, and social events as well as plan and lead such initiatives to meet their own needs. Students are also encouraged to consider Suffolk's Alternative Spring Break program, study abroad, and juniors and seniors are encouraged to take a global travel seminar. Incoming freshmen planning to live on campus may also apply through Residential Life and Housing to be a part of the Honors Living Learning Community (LLC). The Honors LLC provides academically distinguished students an opportunity to ease their transition to the university by residing in a community of their peers where they have access to out-of-class learning, peer mentoring, study groups, and social events.

The Honors Program also features outstanding mentoring and recognition events from orientation through graduation. The annual Alumni Networking Event connects students to our very active alumni group. Students develop robust networks both within and outside of the Business School through interaction with local executives and alumni, gain career advice, internship leads and even job offers. Other benefits of the Honors Program include early registration, priority consideration for campus housing, and social and career programs each semester.

Numerous honors scholarships and other merit and need based funding are available through the Office of Student Financial Services. Incoming freshmen who are invited into the Honors Program in the fall receive this information along with their Honors Program offer letter. Spring semester admission typically

comes with limited financial aid resources due to the timing in the financial aid cycle. Students entering in the spring semester or continuing students who are invited into the Honors Program should discuss scholarships and financial aid with their assigned financial aid counselor.

Entry requirements for new students:

To be considered for the Business School Honors Program, entering new freshmen and new transfer students must meet two of the following criteria. For more information on the application materials and process, please contact the Office of Undergraduate Admission at 617-573-8460.

Academic GPA minimum of 3.75

High school class rank within upper 15%

SAT scores of 1850

ACT scores of 28

TOEFL scores of 100 if Internet based or 600 if Paper based.

Entry requirements for continuing students:

Continuing students with a college GPA of 3.5 who have completed 30 credits of coursework at Suffolk (but not more than 44 credits) may submit an application to the Honors Program available through the Business School's Undergraduate Programs Office. Students will be considered on a case-by-case basis.

Program requirements:

Academic requirements for Honors Students in Sawyer Business School include:

- completing a minimum of 25% of coursework in honors sections
- completing SBS H101 Honors Business Foundations
- completing SIB H429 Honors Strategic Management (the BSBA capstone)
- taking a minimum of 3 credits of challenge courses*
- maintaining a minimum cumulative GPA of 3.5

Freshmen who enroll at Suffolk's Madrid campus will have options for honors courses and/or faculty who will work with students to create honors alternatives that meet the program requirements.

*Note: a total of six credits of Challenge Courses may be used to fulfill a maximum of two free elective courses in the program of study.

Honors students must be in good standing at the university with no disciplinary actions against them.

The above requirements must be met for students to graduate with the Honors Program designation on their transcript. Students who do not maintain the minimum required GPA will be placed on program probation for a semester and be required to meet with their advisor and program director. In extreme cases students will no longer be eligible to participate in the program. The subsequent semesters' GPA of honors students on program probation must be 3.5 or greater to remain in the program while working to regain the overall program GPA. If this is not mathematically possible within two semesters, the student will no longer be eligible to participate in the program.

Honors Courses

Any student who meets the GPA minimum for a course may sign up for that course through the normal registration system. Most honors courses have a 3.3 GPA requirement.

2013-2014 Archived Catalog Information

Honor Societies

Beta Alpha Psi

Beta Alpha Psi is a national honor society and professional accounting fraternity that recognizes outstanding academic achievements in the field of accounting, promotes the study and practice of accounting, and provides leadership and social/networking opportunities for members and practicing accountants. The activities of this Chapter strongly emphasize the Business School's mission and role in developing student leaders who will excel in the accounting profession.

Active leadership by the Accounting Faculty in Beta Alpha Psi has strengthened students' professional experience and reputation in the community. Student members of Beta Alpha Psi participate in professional meetings, career presentations and field trips to learn real-world, current accounting practices, and to prepare for on-campus recruiting and job interviews.

The Suffolk Chapter of Beta Alpha Psi has received national awards (Distinguished Chapter in 1999) and has been recognized as a Superior Chapter for the last five years. Our substantial community service contribution is recognized in chapter awards. Students have participated in National Case Study Competitions since 1998. Ongoing participation by faculty and other interested parties has resulted in increased on-campus recruiting by the major accounting firms, several large regional and local accounting firms as well as major consulting firms.

Beta Gamma Sigma

This national honor society recognizes business and management undergraduate and graduate students in the top 5 percent of the junior class, upper 10 percent of the senior class, or upper 20 percent of the master's class. Beta Gamma Sigma is the national honor society for business and management, and this recognition is only given to students who attend AACSB International-accredited schools.

The purpose of Beta Gamma Sigma is to encourage and reward scholarship, to promote the advancement of high quality education in business, to provide networking opportunities for members and to foster integrity in the conduct of business operations.

Financial Management Association

The Financial Management Association rewards scholarship and achievement by undergraduate and graduate students majoring in Finance through its National Honor Society. Undergraduate Finance majors must have earned 61 credit hours and achieved an overall cumulative grade point average of 3.3 or higher, and completed at least three designated finance courses. Selection for this Honor Society is during the first month of the fall and spring semesters each year.

Sigma Nu Tau

This national honor society promotes, recognizes, and rewards academic excellence in entrepreneurship. It encourages the practice of principled entrepreneurship, expecting high ethical standards, honor, and integrity of its members. It offers networking opportunities for entrepreneurship students with peers and successful entrepreneurs.

To be eligible, entrepreneurship majors must have a 3.2 GPA and junior or senior standing. Graduate students who have completed 50% of their graduate coursework and have a 3.5 GPA are also eligible. Candidates must demonstrate honor, integrity, and a strong entrepreneurial spirit and model principled entrepreneurship.